NASA TECHNICAL MEMORANDUM

NASA TM-78160

(NASA-TM-78160) GROUND WINDS AND WINDS ALOFT FOR EDWARDS AFB, CALIFORNIA (1978 REVISION) (NASA) 284 p HC A13/MF A01 CSCL 04B
N78-19730
Unclas
G3/47 09544

GROUND WINDS AND WINDS ALOFT FOR EDWARDS AFB, CALIFORNIA (1978 REVISION)

By D. L. Johnson and S. C. Brown
Space Sciences Laboratory

March 1978

MAR 1978

NASA

George C. Marshall Space Flight Center
Marshall Space Flight Center, Alabama

MSFC - Form 3190 (Rev June 1971)

TECHNICAL REPORT STANDARD TITLE PAGE

1. REPORT NO. NASA TM-78160	2. GOVERNMENT ACCESSION NO.	3. RECIPIENT'S CATALOG NO.
4. TITLE AND SUBTITLE Ground Winds and Winds Aloft for Edwards, AFB, California (1978 Revision)		5. REPORT DATE March 1978
		6. PERFORMING ORGANIZATION CODE
7. AUTHOR(S) D. L. Johnson and S. C. Brown		8. PERFORMING ORGANIZATION REPORT #
9. PERFORMING ORGANIZATION NAME AND ADDRESS George C. Marshall Space Flight Center Marshall Space Flight Center, Alabama 35812		10. WORK UNIT NO.
		11. CONTRACT OR GRANT NO.
12. SPONSORING AGENCY NAME AND ADDRESS National Aeronautics and Space Administration Washington, D.C. 20546		13. TYPE OF REPORT & PERIOD COVERED Technical Memorandum
		14. SPONSORING AGENCY CODE

15. SUPPLEMENTARY NOTES

Prepared by Space Sciences Laboratory, Science and Engineering

16. ABSTRACT

This report presents ground-level runway wind statistics for the Edwards AFB, California area. Crosswind, headwind, tailwind, and headwind reversal percentage frequencies are given with respect to month and hour for the two major Edwards AFB runways. Also presented are Edwards AFB bivariate normal wind statistics for a 90 degree flight azimuth for altitudes 0 through 27 km. Wind probability distributions and statistics for any rotation of axes can be computed from the five given parameters: $\bar{u}$, $\bar{v}$, S(u), S(v), and R(uv). This document supersedes NASA TM-78136 and should be used in place of it.

17. KEY WORDS Runway winds Crosswinds Tailwinds Headwind/tailwind reversals Winds aloft Normal distribution Bivariate normal statistics	18. DISTRIBUTION STATEMENT Unclassified — Unlimited Dale L. Johnson

19. SECURITY CLASSIF. (of this report)	20. SECURITY CLASSIF. (of this page)	21. NO. OF PAGES	22. PRICE
Unclassified	Unclassified	284	NTIS

MSFC - Form 3292 (Rev December 1972)

For sale by National Technical Information Service, Springfield, Virginia 22151

ACKNOWLEDGMENTS

The authors wish to express their appreciation to Messrs. G. Wade Batts and Jackie Gibson of Computer Sciences Corporation and their associates for their assistance in the programming and reduction of the Edwards AFB data used in this report.

TABLE OF CONTENTS

		Page
I.	INTRODUCTION	1
II.	ARRANGEMENT OF TABLES	1
III.	RUNWAY CROSSWINDS, TAILWINDS, AND HEADWIND REVERSALS	2
	A. Background	2
	B. Runway Orientation	2
	C. Data Used	5
	D. Computational Methods/Equations	7
	E. Explanation of Tables	11
	F. Headwind Components	14
IV.	NORMAL PROBABILITIES FOR EDWARDS AFB WIND COMPONENTS — ALTITUDE 0 THROUGH 27 km	15
V.	CONCLUSION	16
REFERENCES		17

LIST OF ILLUSTRATIONS

Figure	Title	Page
1.	Space Shuttle Orbiter landing on runway 17 at Edwards AFB, California	3
2.	Edwards AFB runways	4
3.	Edwards AFB percentage of prevailing wind direction	5
4.	Edwards AFB mean surface wind speed (knots)	6
5.	Edwards AFB crosswind/tailwind speed interval percentages	13

LIST OF TABLES

	Page
JANUARY	19
FEBRUARY	41
MARCH	63
APRIL	85
MAY	107
JUNE	129
JULY	151
AUGUST	173
SEPTEMBER	195
OCTOBER	217
NOVEMBER	239
DECEMBER	261
ANNUAL	283

FOREWORD

This revised document was required because of data tape problems which led to errors in the ground wind tables of NASA Technical Memorandum 78136, September 1977. This document corrects and supersedes NASA TM-78136. In addition, headwind component cumulative percentage frequency statistics have been included in this document.

TECHNICAL MEMORANDUM 78160

GROUND WINDS AND WINDS ALOFT FOR EDWARDS AFB, CALIFORNIA (1978 REVISION)

I. INTRODUCTION

This two-part report deals with wind conditions over Edwards AFB, California, including the NASA Dryden Flight Research Center. Since the first four orbital flight tests of the Space Shuttle mission schedule Orbiter landings at Edwards AFB, these wind statistics may prove useful in mission planning activities. The first part of this report presents low-level crosswind, headwind, tailwind, and headwind reversal statistics by hour and month for two different Edwards AFB runway orientations. The second part gives bivariate normal wind statistics for altitudes 0 through 27 km by monthly reference periods. This document supersedes NASA TM-78136 and should be used in place of it.

II. ARRANGEMENT OF TABLES

Tables are numbered and arranged by monthly reference period, with subnumbers used to identify the crosswind, tailwind, headwind, or reversal statistics within each month as follows:

Section III

Crosswind: Tables 1.1 through 13.1

Tailwind: Tables 1.2 through 13.2

Crosswind versus Tailwind: Tables 1.3 through 13.3

Headwind Reversals: Tables 1.4 through 13.4

Headwind: Tables 1.5 through 13.5

Section IV

Bivariate Normal Wind Statistics: Tables 1.6 through 12.6

III. RUNWAY CROSSWINDS, TAILWINDS, AND HEADWIND REVERSALS

A. Background

A study similar to the one presented here was done for the NASA/Kennedy Space Center (KSC), Florida, area in October 1972 [1]. The KSC study used hourly peak ground wind data to determine optimum runway orientation by minimizing critical high crosswind component frequencies. The proposed runway orientation was then used in conjunction with the hourly peak wind data to determine frequencies of headwind-to-tailwind reversals that resulted in specified tailwind speeds. The present Edwards AFB wind study expands on the two types of information determined previously for KSC and adds a section on tailwinds alone.

B. Runway Orientation

The two main Edwards AFB runways of interest for NASA Shuttle Orbiter landings are runways 17-35 (170-350 degrees) and 22-4 (220-40 degrees). Figure 1 is an artist's conception of the Space Shuttle Orbiter making its final approach (toward the south) onto Edwards AFB runway 17 after completing a space mission. An F-104 jet aircraft is also shown escorting the Orbiter. Figure 2 indicates the general layout of the two main runways. The runways are designated 17-35 and 22-4 because of their angle of separation in degrees clockwise from magnetic north, and they indicate a pilot's approach toward that direction. That is, a pilot desiring to land toward the south on 17-35 would enter from the north end (17), thereby allowing him to land toward 170 degrees. These two runway orientations with respect to true north are approximately 190-10 (for 170-350 magnetic) and 239-59 (for 220-40 magnetic). All magnetic runway wind statistics given in this report were computed with respect to true north.

The two runways are oriented so that a vehicle landing from the northeast toward the southwest will probably be landing into a headwind. Figure 3 [2] gives the prevailing surface wind direction versus hour and month. The respective percentages of the prevailing direction are given within each box. Southwesterly winds tend to prevail from late evening hours until midday and give way to west-southwesterly flow during the afternoon until late evening hours. Some westerly flow prevails, except near midday, during the winter months. Mean surface wind speeds (in knots) versus hour and month are given in Figure 4 [2]. It can

ORIGINAL PAGE IS
OF POOR QUALITY

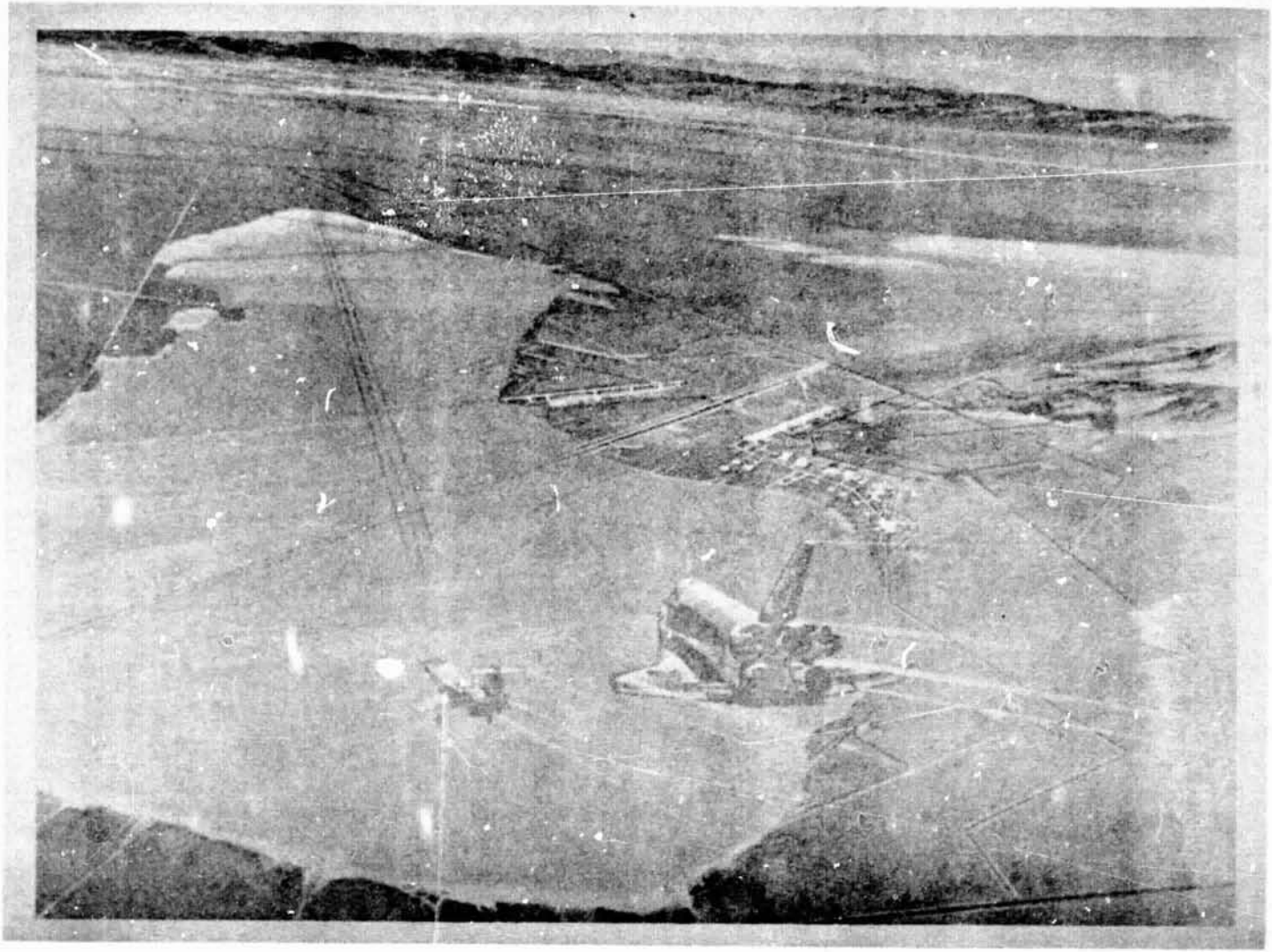

Figure 1. Space Shuttle Orbiter landing on runway 17 at Edwards AFB, California.

ORIGINAL PAGE IS
OF POOR QUALITY

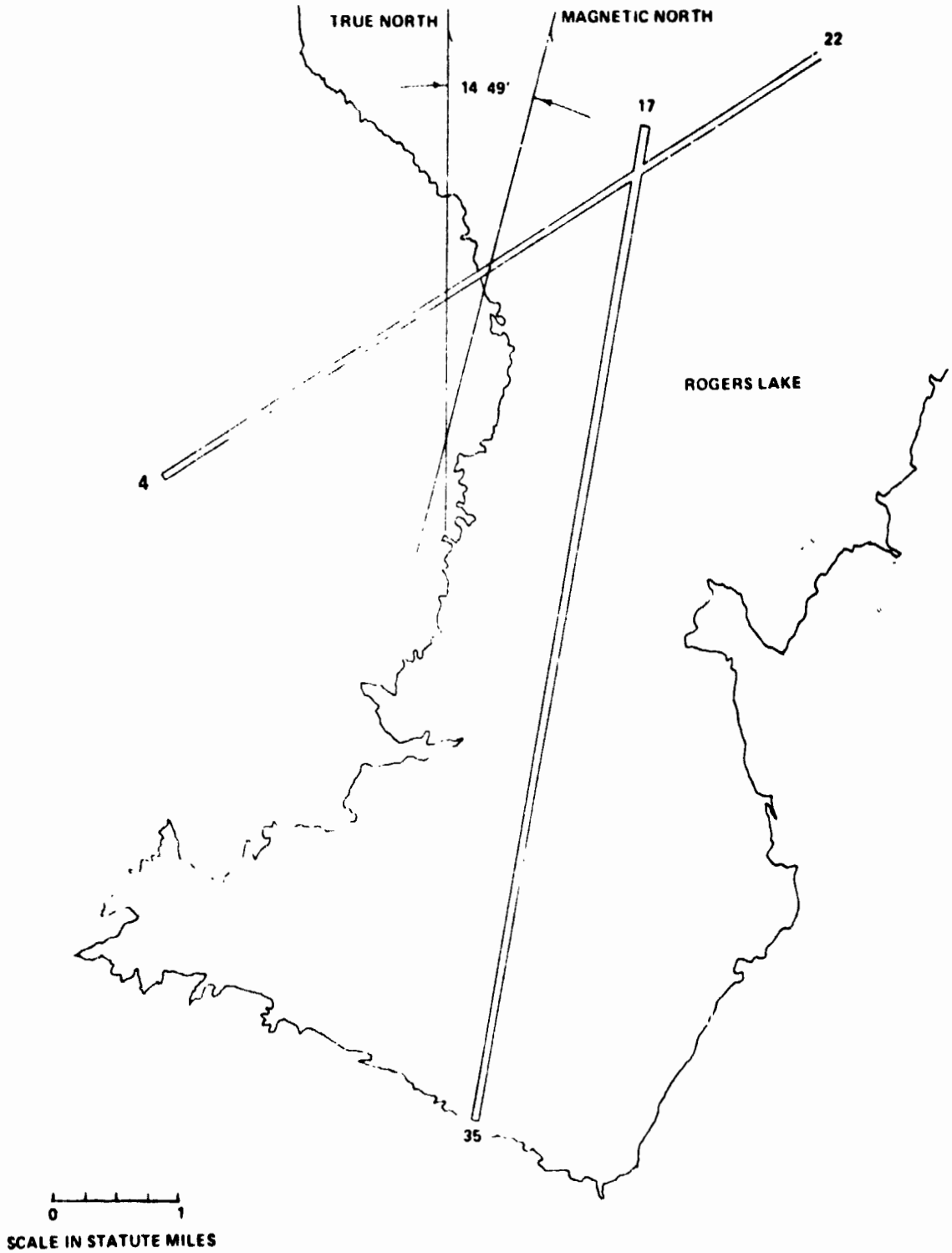

Figure 2. Edwards AFB runways.

EDWARDS AFB DEC. 41 – JULY 72 P.O.R.
3 h INTERVALS (LST)

MONTH	0–2	3–5	6–8	9–11	12–14	15–17	18–20	21–23
JAN	13.5	11.8	10.1	10.1	9.0	8.9	12.0	14.2
FEB	15.6	13.3	11.5	10.4	9.9	10.9 **	14.4	16.3
MAR	21.9	17.3	15.6	13.3	13.2	16.1	21.7	21.4
APR	29.4	25.1	22.2	15.9	15.5	18.1 **	24.4	28.5
MAY	38.8	33.9	27.4	19.0	20.7	26.7	31.5	34.0
JUN	40.9	39.7	34.7	21.5	22.2	30.0	33.2	39.4
JUL	46.5	39.4	38.7	22.2	23.5	35.4	41.0	38.8
AUG	44.4	34.6	37.0	22.3	22.4	34.4	40.4	37.3
SEP	29.8	22.4	18.8	14.9	16.7	23.9	28.7	29.5
OCT	21.1	15.5	14.4	11.8	10.1	13.9	18.9	24.1
NOV	15.5	12.8	11.4	10.0	10.0 *	10.0	13.4	18.1
DEC	18.0	12.5	9.6	9.7	7.9 *	9.7	12.2	13.3

SW WSW W

* NE
** WNW

Figure 3. Edwards AFB percentage of prevailing wind direction.

be noticed that wind magnitudes generally pick up during the afternoon hours [1500-1700 local standard time (LST)], with larger magnitudes observed during the summer months.

C. Data Used

The ground wind speed and direction data used in this study were taken from two magnetic tapes containing the Edwards AFB WBAN hourly surface observations (deck No. 144) [3]. The period of record extended from 1949 to

ORIGINAL PAGE IS
OF POOR QUALITY

EDWARDS AFB P.O.R. DEC. 41 – JULY 72
3 h INTERVALS (LST)

MONTH	0–2	3–5	6–8	9–11	12–14	15–17	18–20	21–33
JAN	4.7	4.3	4.0	5.0	7.0	7.3	5.9	5.4
FEB	5.4	4.7	4.5	6.2	8.3	9.2	7.5	6.4
MAR	7.8	6.5	6.4	8.5	10.8	12.2	10.4	8.7
APR	8.4	7.1	7.2	8.5	11.3	13.7	12.2	9.7
MAY	9.5	7.9	8.5	9.1	11.9	15.5	14.0	10.7
JUN	9.6	8.4	8.7	8.6	11.4	15.6	14.5	10.6
JUL	8.3	6.8	6.7	6.5	9.3	15.1	14.0	9.5
AUG	7.7	6.1	5.5	5.8	8.5	14.0	12.9	8.9
SEP	6.0	4.5	4.0	5.2	8.1	11.1	9.6	7.0
OCT	5.3	4.3	4.1	5.1	7.6	9.0	7.5	6.4
NOV	4.9	4.3	3.9	5.1	7.1	7.5	6.0	5.5
DEC	4.6	4.3	4.0	4.8	6.5	6.6	5.4	5.1

Figure 4. Edwards AFB mean surface wind speed (knots).

1970. The combined tapes give a total of 192,782 hourly observations for Edwards AFB. All calms were included in the data sample. During the period of record the anemometer location was changed several times. However, most of the observations were made approximately 4 m (13 ft) above natural grade.

The data used in this study were obtained from averaged[1] observations taken on the hour. The method of using average wind conditions differs from the peak wind method used in the earlier KSC study [1]. In Space Shuttle vehicle

1. Standard WBAN practice, generally a 1 min average about the hour.

ground wind related analyses, peak wind speeds (or gusts) are generally more useful in design, mission planning, and operational activities. However, since no peak wind climatic data were available for the Edwards AFB area, the hourly observations described previously were used to make the required computations. The steady-state wind speed statistics given in this report can be adjusted to approximate peak wind speed statistics by multiplying the steady-state winds by 1.4. Graves [4] describes a method that enables one to estimate peak winds from hourly observations. The reader should consult Reference 4 for further discussion of these types of estimation methods.

D. Computational Methods/Equations

1. Crosswind Procedure. This section includes a discussion of the computational methods used in obtaining the percentage frequency of occurrence within critical crosswind intervals, i.e., 1-4, 5-9, 10-14, 15-19, 20-24, and 25-up knots. The crosswind equation used for each runway is:

$$\text{Crosswind} = (\sin \mid WD\text{-}RA \mid \times WS) \tag{1}$$

where

RA = runway angle measured from true north

WD = wind direction in degrees clockwise from true north

WS = wind speed in knots.

The runway crosswind component for each observation was computed and then checked against the several critical crosswind intervals, and a tally was entered into the appropriate matrix position. Every wind observation (192,782 total observations) was handled in this manner.

The percentage frequency of occurrence of crosswind components within these critical intervals was next calculated for each matrix position by dividing the total number in that position by the total number of observations and multiplying by 100; i.e.,

$$\text{Percent frequency} = (S/T) \times 100 \tag{2}$$

ORIGINAL PAGE IS
OF POOR QUALITY

where S is the number of cases within the critical crosswind interval and T is the total number of wind observations for that time interval. These runway crosswind percentage frequencies are given by month in Tables 1.1 through 13.1 for each 3 h period of the day. Finally, statistical tables involving the concurrent use of both runways were developed. These may give more meaningful information if a landing can be made on either of the two runways. For example, if a particular wind observation resulted in a 20 knot crosswind component on runway 17 but only 13 knots on runway 24, the more favorable (or minimum) crosswind component of 13 knots was used to develop these statistics.

2. Tailwind Procedure. In addition to critical crosswinds adversely affecting the landing of space vehicles and aircraft, headwind reversals (i.e., a headwind changing to a tailwind) also can present problems. Given in this section are percent frequency of occurrence tables that pertain to critical tailwind and tailwind/crosswind speeds. The crosswind computations discussed in the last section of this report do not require a specification of the landing direction since a wind component is calculated normal to the runway. This means that a critical crosswind that affects the vehicle from either the left or right side is tallied. However, in analyzing headwinds and tailwinds, the direction of the component parallel to the runway is important. If, for example, it were necessary to land on either runway 17 or 22 (from northeast), a wind component from the northeast (a tailwind) would be unfavorable. In the computations performed here, parallel runway winds were computed using the following formula:

$$\text{Parallel wind} = \{\cos \mid WD-RA \mid \times WS\} \tag{3}$$

where

RA = runway angle measured from true north

WD = wind direction in degrees clockwise from true north

WS = wind speed in knots.

When computing a parallel runway wind, sign is important. If equation (3) gives a positive velocity (+), it defines a tailwind. Conversely, a negative velocity (-) defines a headwind. Critical tailwind interval limits of 1-4, 5-9, and 10-up knots were used by hour and month in computing the runway tailwind probabilities as given in Tables 1.2 through 13.2. Finally, crosswind-versus-tailwind percentages are given in Tables 1.3 through 13.3 by month and hour for each runway.

3. Headwind Reversal Procedure. In this analysis of runway headwind components an attempt has been made to answer some basic questions concerning 1 h wind reversal frequencies. For example, (1) What is the probability that the wind component parallel to the runway will reverse direction? (2) Do reversals from northeast to southwest components occur as frequently as southwest to northeast changes? (3) Suppose the wind direction at some specified time is known; what then is the conditional probability of a reversal?

a. Frequency of Wind Reversals. To calculate this value it is only necessary to count those cases when the parallel wind component switches from one hour to the next; i.e., if the component goes from (+) to (-) or from (-) to (+), this indicates a switch and is tallied. Dividing this tally by the entire hourly data sample gives a percent frequency (occurrence rate) of the wind reversing on the runway over that time interval. This procedure is expressed in equation (4) as follows:

$$X(I,J) = \frac{100Y(I,J)}{Z(I,J)} \tag{4}$$

where

$X(I,J)$ = percent frequency of parallel component wind reversal for month I and time period J

$Y(I,J)$ = number of occurrences of parallel wind reversals during month I and time period J

$Z(I,J)$ = total observations during month I and time period J .

The reversal tallies were entered on the resulting hour; i.e., a reversal wind between 0700 and 0800 LST is entered at 0800 LST (the resulting time). However, since hours are combined into time intervals, this was entered as a tally within the 06-08 3 h time interval. These values are listed in column 1 (TOTAL) of Tables 1.4 through 13.4A.

b. SW to NE and NE to SW Reversals. How often does a southwest wind component reverse to a northeast wind component from 1 h to the next? To compute these reversals, the number of southwest to northeast component changes are tallied and then divided by the total number of observations for that time period. These values appear in column 2 (HEAD-TAIL) of Tables 1.4 through 13.4A for runways 17 and 22 but in column 3 (TAIL-HEAD) for runways 35 and 4. Wind component changes from northeast to southwest are calculated in the same way.

c. Conditional Wind Reversals. Given a southwest parallel component wind initially, how often does this southwest wind change into a northeast wind component by the next hour? This third question deals with the conditional statement that given a southwest wind, what is the probability of its changing into a northeast wind; i.e., P(NE|SW). In this third question we must look at only the hourly southwest components in the data sample and then tally the southwest to northeast wind changes over an hour. This tally must be divided by the number of southwest wind components in the sample, not by the total data sample, because prior knowledge of the wind direction is assumed (i.e., southwest winds are set as given initially). See columns 4 and 5 of Tables 1.4 through 13.4A. Likewise, column 5 presents the conditional percentage frequency of a northeast to southwest reversal by using the same method.

In this section the following conditional probability equation was used:[2]

$$P(X|Z)_{ij} = \frac{100\ Y(I,J)}{Z(I,J)} \qquad (5)$$

where

$P(X|Z)_{ij}$ = conditional probability of the occurrence of a tailwind (X) given a headwind (Z) initially during month I and time J

$Y(I,J)$ = the number of headwind-to-tailwind changes during month I and time period J

$Z(I,J)$ = the total number of headwinds in the month I/time J data sample.

Tables 1.4B through 13.4B also give headwind reversal statistics, but here the statistics are broken out into specified resultant tailwind magnitude categories (i.e., resultant tailwinds of >0-3, 4, 8, >8 knots).

Throughout this headwind reversal section both calm conditions and direct crosswinds were considered as favorable landing conditions.

2. The terminology given here is reversed when considering the probability of a headwind given a tailwind.

E. Explanation of Tables

Tables 1.1 through 13.1, 1.2 through 13.2, and 1.3 through 13.3 of this report are presented as percentages of crosswinds or tailwinds within selected wind speed intervals only. Since probability questions of the type "greater than or equal to a certain value" are usually asked (indicating an accumulated effect), one must add together rows of percentages and, at times, columns as well. Tables 1.4A through 13.4A give the percent of wind reversals for "all" resultant tailwind (or headwind) magnitudes, whereas Tables 1.4B through 13.4B break out the reversal statistics into specified tailwind categories.

The critical crosswind or tailwind speed interval headings, 1 to 4, 5 to 9, etc., are to be interpreted as 1 through 4 knots, 5 through 9 knots, etc. Also, zero crosswinds are classified as all winds that are (1) calm, (2) < 1 knot, and (3) parallel to the runway. Zero tailwinds have not been tabulated, but all tailwinds > 0 knots and < 1 knot were placed within the 1-4 knot classification interval during data analysis. The time intervals given (i.e., 00-02, etc.) indicate eight 3 h intervals, and they are expressed in LST.

1. Crosswind Example. Tables 1.1 through 13.1 give percentages of critical crosswind occurrences within critical crosswind speed intervals versus hour of day for each runway and month. Since runway end number does not matter when computing crosswinds, the runway is listed either as 17-35 or 22-4 on these tables. Examples follow concerning the use of Tables 1.1 through 13.1 in which crosswind occurrence percentages can be easily calculated by summing up percentages in the appropriate row. For runway 17-35 between hours 00-02 for the April reference period, Table 4.1A gives a 40.10 percent chance of encountering a crosswind ≥ 5 knots. One must add 24.49 + 11.62 + 3.59 + 0.30 + 0.10 = 40.1. This also means that 59.9 percent (i.e., 45.15 + 14.75 = 59.9) of the crosswinds are < 5 knots. Similarly, crosswind percentages ≥ 20 knots can be computed for all hours on runway 17-35 by adding, on the 00-23 line (under HRS), 1.96 + 0.33 to arrive at a percentage of 2.29. In this same category, zero crosswinds (calm conditions, crosswinds < 1 knot, or winds parallel to the runway) occur 17.72 percent of the time.

Table 4.1B gives similar formatted results for runway 22-4. This is, one can expect an 18.69 percent occurrence rate of April crosswinds ≥ 5 knots between hours 00-02. Runway 22-4 experiences lower crosswind percentages for these given criteria of speed, hour, and month.

Table 4.1C again gives similar results, but here runways 17-35 and 22-4 were checked simultaneously when making tallies of crosswinds. The tables

ORIGINAL PAGE IS
OF POOR QUALITY

were compiled from the lesser of the two crosswind components. These values apply when the aircraft has the capability to land on either of the two runways and can, therefore, choose the one with the least critical conditions existing at the time of landing. The percentage of critical crosswinds ≥ 5 knots during April, between 00-02 hours, for both runways is 11.87 (i.e., 8.69 + 2.42 + 0.66 + 0.10 = 11.87). As expected, the percentage is much lower here than that for either runway 17-35 (40.1 percent in Table 4.1A) or runway 22-4 (18.69 percent in Table 4.1B) computed individually.

2. Tailwind Example. Tables 1.2 through 13.2 give percentage frequencies of tailwind components within critical tailwind speed intervals versus hour of day for each runway heading and month. Since landing direction does play a part in the computation of tailwinds (or headwinds), the runways are listed as 17, 35, 22, and 4, indicating the approach direction (i.e., 17 is landing into 170 degrees from the northeast end of the runway). Some examples follow that indicate the use of Tables 1.2 through 13.2. Again, the format of the tables is similar to that of Tables 1.1 through 13.1, and the tailwind statistics presented are not accumulated. The April tailwind percentage ≥ 5 knots between 00-02 hours LST for runway 17 as presented on the left side of Table 4.2A is 2.32 (1.87 + 0.45 = 2.32). The companion table of 4.2A indicates a tailwind percentage of 42.52 for runway 35 for the same specified conditions. The 42.52 percent on runway 35 can also be interpreted as the percentage of headwinds on runway 17. A tailwind on one runway heading (35) is a headwind on the other end of the runway (17). Combined percentiles for all hours can be obtained from the 00-23 row.

Tables 1.3 through 13.3 give percentages for the joint occurrence of winds within selected crosswind versus tailwind speed intervals. These monthly tables are presented for each end of the runway and are displayed by hour of day (LST). Tables 1.3 through 13.3 offer the advantage of obtaining percentages by choosing the critical crosswind and tailwind limits concurrently, not separately. That is, suppose both crosswinds and tailwinds ≥ 5 knots are critical to a landing operation for 00 hours during April on runway 17, one would find the intersection number that pertains to the intervals of crosswind 5-9 and tailwind 5-9. In this case, the number in Table 4.3 is 0.45 percent. This is not the percentage number needed since these table percentages, again, are not accumulated. Therefore, one must sum all the tailwind rows ≥ 5 knots that encompass all crosswind values ≥ 5 knots. This will satisfy the required condition. Figure 5 illustrates the Table 4.3 example in more detail in that the percentage numbers to be added are enclosed by dashed lines. The total required sum of these ten numbers is 1.5 , which is the required percentage.

Since Tables 1.3 through 13.3 are the most involved of the tables presented thus far, a few notes of caution are issued that one should remember while using them. The total row and column offer a sum of all rows or columns, respectively. The total column (of Tables 1.3 through 13.3) has also added into it all the zero crosswind percentages. The percentage numbers enclosed by stars in Figure 5 show the percent frequency of tailwinds without regard to crosswind components. An example of using the total row follows. If one needs the percentage of all crosswinds ≥ 5 knots on runway 17 at 00 hours in April which encompasses all tailwind categories, he can sum the numbers 3.48, 1.06, 1.21, 0.30, and 0.00 to arrive at 6.05 percent. Why is this value so much less than the 40.1 00-02 hour percentage of crosswinds ≥ 5 knots on runway 17-35 from Table 4.1A? The answer is that the 6.05 percent corresponds to crosswinds ≥ 5 knots with regard to all tailwind categories. Tables 1.1 through 13.1 give crosswinds ≥ 5 knots with regard to all parallel winds (tail and head combined). To obtain comparable numbers, one must calculate from Table 4.3 the crosswind percentage ≥ 5 knots (37.41 percent) with regard to all tailwinds on runway heading 35 (a headwind on runway 17) and add the two percentages (6.05 + 37.41) to arrive at 43.46 percent, which corresponds closely to Table 4.1 values. The numbers will not be exact because Tables 1.1 through 13.1 and 1.2 through 13.2 give statistics in 3 h groups, while Tables 1.3 through 13.3 are by each individual hour. Both tailwinds and headwinds from Tables 1.3 through 13.3 may have to be used depending upon the application.

Runway 17, Hour 0, Edwards AFB, April

Tailwind Limits	Crosswind Limits 1-4	5-9	10-14	15-19	20-24	25-Up	Zero Cross	Total
1-4	1.82	3.03	0.30	0.91	0.30	0.00	0.30	6.67
5-9	0.76	0.45	0.45	0.15	0.00	0.00	0.15	1.97
10-Up	0.00	0.00	0.30	0.15	0.00	0.00	0.00	0.45
Total	2.58	3.48	1.06	1.21	0.30	0.00	0.45	9.09

[1]Total percentages within dashed (- -) area = 1.5%.

Figure 5. Edwards AFB crosswind/tailwind speed interval percentages.

ORIGINAL PAGE IS OF POOR QUALITY

3. Headwind Reversal Example. Tables 1.4A through 13.4A give the percentage of parallel runway wind reversals that answer the three questions posed earlier in this report concerning different runway wind reversal classifications. These tables present the probabilities for each runway end by month and 3 h time period. Column 1 answers question 1 and gives the total reversals for all observations (within time and month category). Columns 2 and 3 answer question 2 by giving the percent frequency of headwind-to-tailwind and tailwind-to-headwind reversals, respectively, for all observations. Question 3 on conditional probability is answered in columns 4 and 5. It should be pointed out that the statistics presented in Tables 1.4A through 13.4A deal with the probability of reversals without regard to the resulting parallel-wind magnitude classification, as presented in Reference 1. This means, for example, that the columns regarding headwind-to-tailwind reversals (columns 2 and 4) were computed for all resultant tailwind components. On the "A" tables, all magnitudes of the resultant tailwinds were combined before the statistics were computed. However, Tables 1.4B through 13.4B present these same reversal statistics with respect to different categories of the resultant tailwind magnitudes.

These statistics should prove valuable to both the mission planner and the operational control authority because they are based upon a prior knowledge of the wind-type information that will be available during the mission. For example, consider a landing planned for 1000 LST in April on runway 17. Assume that the wind observed at 0900 LST is known to have a headwind component along that runway. Table 4.4A, column 4, indicates that 18.34 percent of those wind observations changed to such an extent that at the following hour (1000 LST) there was a tailwind component on runway 17. This percentage can also be obtained from the appropriate total column of Table 4.4B. Restated in terms of risk: with a known headwind component at 0900 LST, the risk of change to a tailwind component at 1000 LST is approximately 18 percent. Of course, this risk statement does not consider the forecast capability that would be utilized in the real-time operation.

If the investigator were interested in the percent of headwind reversals of all reversals which resulted in a tailwind of ≥ 4 knots, this can be obtained from Table 4.4B by adding 4.02 and 0.49 to arrive at 4.51 percent.

F. Headwind Components

Tables 1.5 through 13.5 give cumulative percentage frequencies of headwind components along each runway during the daytime hours. These tables were computed by equation (3), using only those wind observations that displayed a headwind component along the specified runway. This means that for the runway 17 computations, for example, all observations of wind directions from

approximately west through north to east (tailwind components) were eliminated. This accounts for the lower number of total observations. The component speed column should be interpreted as follows: 0-1 includes speeds from 0 to 0.9 knots; 1-2 contains values from 1.0 to 1.9 knots, etc. Calms are included in the zero category.

The use of the tables is illustrated by the following example: "What is the risk of a headwind component ≥ 15 knots on runway 17 at 12-14 hours in April?" Table 4.5A shows that 92.02 percent of the headwind observations were ≤ 14.9 knots. Conversely, there is a 7.98 percent risk of speeds ≥ 15 knots. "What is the 95 percentile headwind component speed from the same table?" Interpolation between 94.81 and 96.05 for 95 results in a speed of approximately 17 knots.

IV. NORMAL PROBABILITIES FOR EDWARDS AFB WIND COMPONENTS — ALTITUDE 0 THROUGH 27 km

This section presents bivariate normal wind statistics for Edwards AFB for altitudes 0 through 27 km. The bivariate normal statistics for all months for the 90 degree flight azimuth are given in Tables 1.6 through 12.6. The standard meteorological notation for this flight azimuth defines u as the zonal wind component and v as the meridional wind component. The sample estimates of the theoretical mean u are $\bar{u}$ and $\bar{v}$. The sample estimates of the theoretical standard deviation σ are S(u) and S(v). R(uv) is the sample estimate of the theoretical correlation coefficient between u and v. S(uv) is the covariance of u and v, and N is the sample size. The five statistics $\bar{u}$, $\bar{v}$, S(u), S(v), and R(uv) completely define a bivariate normal elliptical distribution. From these five parameters the probability distributions described by Smith [5] and the statistics for any rotation of axes by Falls [6] can be computed.

Since Edwards AFB was not part of the Upper Air Network, winds-aloft observations in support of test activities were made at irregular intervals rather than at regular synoptic times. Because of the time and altitude variation between observations it was not feasible to make them serially complete. As a result, the number of observations decreases rapidly as altitude increases. If wind statistics for altitudes above 27 km are needed, it is recommended that those applicable to Vandenberg AFB, as given in Reference 7, be used. For the reader's interest, Cape Kennedy normal probabilities for wind components have also been computed [8].

V. CONCLUSION

In summary, this report provides two different types of wind statistics applicable to the Edwards AFB area.

First, ground-level wind statistics are given computed with regard to the two Edwards AFB runway orientations. Crosswinds, tailwinds, and headwind reversals are the parameters computed by critical class intervals for hour, month, and runway. If cumulative percentage results are needed, one must follow the procedures given in this report and accumulate the appropriate percentages. Also, since a peak wind sample was not available for this study, the standard type of on-the-hour averaged observations were used. It has been determined that a multiplication factor of 1.4 can be used directly on these wind speed statistics to approximate peak wind statistics. Peak winds are generally more useful in design and operations.

Second, winds-aloft information is presented from 0 through 27 km altitude. Bivariate normal wind statistics involving wind probability distributions and statistics for any rotation of axes can be computed from the five given statistical parameters, $\bar{u}$, $\bar{v}$, $S(u)$, $S(v)$, and $R(u,v)$ for a 90 degree flight azimuth.

Further climatological information involving the Edwards AFB area can be obtained from References 9 through 11.

ORIGINAL PAGE IS
OF POOR QUALITY

REFERENCES

1. Lavdas, L. G.: Runway Crosswinds and Headwind Reversals at Cape Kennedy, Florida. NASA CR-128995, October 1972.

2. Revised Uniform Summary of Surface Weather Observations, Edwards AFB, California, P.O.R. December 1941-July 1972. USAF-ETAC, AWS(MAC), Federal Building, Asheville, N.C., March 20, 1974.

3. Reference Manual, WBAN Hourly Surface Observations 144, Revised November 1970, Data Processing Division, ETAC, USAF National Climatic Center, NOAA, Asheville, North Carolina.

4. Graves, M. E.: Estimation of Peak Winds from Hourly Observations. NASA CR-129022, March 1973.

5. Smith, O. E.: Vector Wind and Vector Wind Shear Models 0 to 27 km Altitude for Cape Kennedy, Florida, and Vandenberg AFB, California. NASA TM X-73319, July 1976.

6. Falls, L. W. and Crutcher, H. L.: Determination of Statistics for Any Rotation of Axes of a Bivariate Normal Elliptical Distribution. NASA TM X-64595, May 11, 1971.

7. Falls, L. W.: Normal Probabilities for Vandenberg AFB Wind Components — Monthly Reference Periods for all Flight Azimuths, 0- to 70-km Altitudes. NASA TM X-64897, January 1975.

8. Falls, L. W.: Normal Probabilities for Cape Kennedy Wind Components — Monthly Reference Periods for all Flight Azimuths — Altitudes 0 to 70 kilometers. NASA TM X-64771, April 16, 1973.

9. Johnson, D.L.: Hot, Cold, and Annual Reference Atmospheres for Edwards Air Force Base, California (1975 Version). NASA TM X-64970, November 1975.

10. Lee, Russel F., et al.: Surface Climatological Information for Twelve Selected Stations for Re-entry Vehicles. NASA CR-61319, February 1970.

11. Kaufman, J. W.: Terrestrial Environment (Climatic) Criteria Guidelines for Use in Aerospace Vehicle Development, 1977 Revision. NASA TM 78118, November 1977.

JANUARY

PRECEDING PAGE BLANK NOT FILMED

TABLE 1.1. HOURLY EDWARDS AFB CROSSWING PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF JAN.

RUNWAY 17 - 35

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	38.66	14.76	7.14	2.00	.39	.00	37.05	2046
03-05	34.80	13.10	5.67	1.99	.24	.00	44.04	2046
06-08	31.13	11.44	5.08	2.15	.24	.24	49.71	2046
09-11	25.86	10.61	7.33	4.79	.98	.10	50.34	2046
12-14	22.58	13.59	12.22	8.11	2.00	.24	41.25	2046
15-17	22.09	17.79	14.76	7.48	1.71	.15	36.02	2046
18-20	32.26	19.70	10.46	3.32	.64	.20	33.43	2046
21-23	40.27	15.00	7.18	3.03	.59	.00	33.92	2046
00-23	30.96	14.50	8.75	4.11	.25	.12	40.72	16368

1.1A

****

RUNWAY 22 - 4

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	47.31	9.78	1.52	.49	.00	.00	40.91	2046
03-05	44.72	8.16	1.76	.49	.05	.00	44.82	2046
06-08	39.83	8.06	1.91	.44	.10	.05	49.61	2046
09-11	36.95	8.75	3.13	.83	.24	.00	50.10	2046
12-14	35.92	13.15	5.38	1.56	.39	.00	43.60	2046
15-17	39.00	16.37	6.84	1.66	.54	.00	35.59	2046
18-20	46.29	14.86	3.47	.93	.10	.00	34.36	2046
21-23	52.39	10.70	1.86	.59	.00	.00	34.46	2046
00-23	42.80	11.23	3.23	.87	.19	.01	41.68	16368

1.1B

****

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	44.82	7.14	1.22	.34	.00	.00	46.49	2046
03-05	40.47	5.87	1.27	.49	.00	.00	51.99	2046
06-08	34.85	5.13	1.61	.24	.10	.05	58.02	2046
09-11	31.09	6.50	2.69	.83	.05	.00	58.85	2046
12-14	30.94	11.58	5.03	1.27	.15	.00	51.03	2046
15-17	33.87	14.13	6.79	1.27	.15	.00	43.79	2046
18-20	42.77	11.79	3.13	.54	.10	.00	41.69	2046
21-23	47.26	7.72	1.66	.39	.00	.00	42.96	2046
00-23	38.26	8.73	2.93	.67	.07	.01	49.34	16368

1.1C

PRECEDING PAGE BLANK NOT FILMED

TABLE 1.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF JAN.

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OPS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	19.84	3.13	.68	2046	33.24	11.05	2.64
03-05	20.38	3.76	.78	2046	27.22	10.80	2.44
06-08	20.53	3.18	.68	2046	24.78	9.53	2.44
09-11	18.13	5.08	1.42	2046	21.36	11.05	4.45
12-14	24.29	7.67	2.74	2046	18.08	9.21	7.53
15-17	27.27	6.99	2.68	2046	20.92	10.22	6.40
18-20	26.78	4.94	.79	2046	29.76	11.58	3.13
21-23	22.87	4.35	.59	2046	32.89	12.66	3.08
00-23	22.51	4.89	1.33	16368	25.89	10.64	4.01

1.2A

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OPS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	9.58	2.35	.44	2046	32.36	15.59	10.26
03-05	11.14	1.81	.59	2046	28.79	14.05	9.99
06-08	13.64	1.47	.59	2046	24.54	11.93	8.94
09-11	18.28	3.16	1.22	2046	14.76	9.73	14.17
12-14	20.04	5.91	3.91	2046	10.02	9.11	20.28
15-17	19.84	6.60	3.03	2046	12.22	11.93	20.77
18-20	15.10	4.11	.88	2046	23.90	17.30	14.08
21-23	11.97	2.25	.83	2046	32.36	16.86	12.07
00-23	14.95	3.46	1.44	16368	22.37	13.18	13.70

1.2B

TABLE 1.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWING PERCENTAGE FREQU. NCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 0 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.49	2.49	.59	.59	.29	.00	3.52	20.97
5 TO 9	2.35	.44	.29	.00	.00	.00	.15	3.23
10- UP	.15	.44	.00	.00	.00	.00	.00	.59
TOTAL	15.98	3.37	.88	.59	.29	.00	3.67	24.78

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.62	7.48	3.23	.88	.44	.00	4.25	34.90
5 TO 9	5.72	2.64	2.93	.44	.00	.00	.15	11.88
10- UP	.59	1.17	.29	.73	.00	.00	.00	2.79
TOTAL	24.93	11.29	6.45	2.05	.44	.00	4.40	49.56

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.92	.88	.00	.15	.00	.00	1.91	10.85
5 TO 9	1.17	.29	.00	.00	.00	.00	.29	1.76
10- UP	.15	.29	.00	.00	.00	.00	.15	.59
TOTAL	9.24	1.47	.00	.15	.00	.00	2.35	13.20

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	22.43	2.35	.15	.00	.00	.00	9.24	34.16
5 TO 9	10.85	3.23	.15	.15	.00	.00	1.03	15.40
10- UP	5.43	4.11	1.03	.44	.00	.00	.59	11.58
TOTAL	38.71	9.69	1.32	.59	.00	.00	10.85	61.14

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 1 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.22	1.47	.73	.59	.00	.00	3.37	20.38
5 TO 9	1.91	.44	.15	.15	.00	.00	.00	2.64
10- UP	.29	.44	.15	.00	.00	.00	.00	.88
TOTAL	16.42	2.35	1.03	.73	.00	.00	3.37	23.90

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.74	7.92	2.93	.88	.00	.00	3.81	33.28
5 TO 9	3.96	3.23	2.93	.15	.00	.00	.29	10.56
10- UP	.73	1.17	.44	.29	.15	.00	.00	2.79
TOTAL	22.43	12.32	6.30	1.32	.15	.00	4.11	46.63

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.77	.59	.15	.00	.00	.00	1.03	9.53
5 TO 9	1.76	.29	.15	.00	.00	.00	.15	2.35
10- UP	.29	.00	.00	.00	.00	.00	.15	.44
TOTAL	9.82	.88	.29	.00	.00	.00	1.32	12.32

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	23.31	1.61	.29	.00	.00	.00	6.60	31.82
5 TO 9	10.85	3.37	.88	.00	.00	.00	1.32	16.42
10- UP	5.28	3.08	.88	.15	.00	.00	.59	9.97
TOTAL	39.44	8.06	2.05	.15	.00	.00	8.50	58.21

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 1.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 2 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.02	1.32	.73	.15	.15	.00	3.61	18.18
5 TO 9	2.64	.44	.29	.15	.00	.00	.00	3.52
10- UP	.00	.44	.00	.15	.00	.00	.00	.59
TOTAL	14.66	2.20	1.03	.44	.15	.00	3.61	22.29

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.99	7.92	3.67	.44	.00	.00	3.52	31.52
5 TO 9	5.13	3.52	1.91	.15	.00	.00	.00	10.70
10- UP	.44	1.32	.15	.29	.15	.00	.00	2.35
TOTAL	21.55	12.76	5.72	.88	.15	.00	3.52	44.57

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.30	.29	.15	.15	.00	.00	1.47	8.36
5 TO 9	1.91	.44	.00	.00	.00	.00	.59	2.93
10- UP	.00	.15	.00	.00	.00	.00	.15	.29
TOTAL	8.21	.88	.15	.15	.00	.00	2.20	11.58

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	21.11	1.91	.15	.15	.00	.00	7.77	31.09
5 TO 9	11.14	2.64	.44	.15	.00	.00	.59	14.96
10- UP	4.25	3.81	.15	.15	.00	.00	.88	9.24
TOTAL	36.51	8.36	.73	.44	.00	.00	9.24	55.28

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 3 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.78	1.76	1.03	.44	.15	.00	4.55	21.70
5 TO 9	2.05	.73	.15	.15	.00	.00	.15	3.23
10- UP	.29	.59	.00	.15	.00	.00	.00	1.03
TOTAL	16.13	3.08	1.17	.73	.15	.00	4.69	25.95

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.72	7.18	2.20	.59	.15	.00	2.64	29.47
5 TO 9	6.01	2.35	2.20	.44	.00	.00	.15	11.16
10- UP	.44	1.03	.00	.29	.00	.00	.00	1.76
TOTAL	23.17	10.56	4.40	1.32	.15	.00	2.79	42.38

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.33	1.03	.15	.00	.00	.00	1.61	10.12
5 TO 9	.88	.15	.00	.00	.00	.00	.73	1.76
10- UP	.29	.44	.00	.00	.00	.00	.00	.73
TOTAL	8.50	1.61	.15	.00	.00	.00	2.35	12.61

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	21.55	1.17	.44	.15	.00	.00	8.50	31.82
5 TO 9	10.26	2.64	.88	.15	.00	.00	1.61	15.54
10- UP	4.11	2.93	.44	.29	.00	.00	.59	8.36
TOTAL	35.92	6.74	1.76	.59	.00	.00	10.70	55.72

TABLE 1.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 4 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.64	.58	1.03	.29	.15	.00	4.69	20.67
5 TO 9	2.35	1.03	.29	.00	.00	.00	.59	4.25
10- UP	.15	.15	.15	.15	.00	.00	.00	.59
TOTAL	16.13	2.05	1.47	.44	.15	.00	5.28	25.51

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.34	6.60	1.76	1.03	.00	.00	3.96	26.69
5 TO 9	4.84	2.79	2.05	.29	.00	.00	.15	10.12
10- UP	.44	1.61	.29	.44	.00	.00	.15	2.93
TOTAL	18.62	11.00	4.11	1.76	.00	.00	4.25	39.74

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.24	.73	.29	.00	.00	.00	1.76	12.02
5 TO 9	1.32	.15	.00	.00	.00	.00	.29	1.76
10- UP	.00	.29	.15	.00	.00	.00	.15	.59
TOTAL	10.56	1.17	.44	.00	.00	.00	2.20	14.77

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.53	1.47	.59	.00	.15	.00	5.13	27.86
5 TO 9	11.14	1.47	.59	.00	.00	.00	1.47	14.66
10- UP	4.40	3.03	.44	.29	.00	.00	.15	8.36
TOTAL	36.07	6.01	1.61	.29	.15	.00	6.74	50.88

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 5 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.00	.73	.44	.73	.15	.00	5.72	18.77
5 TO 9	2.20	1.03	.29	.00	.00	.00	.29	3.81
10- UP	.29	.44	.00	.00	.00	.00	.00	.73
TOTAL	13.49	2.20	.73	.73	.15	.00	6.01	23.31

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.00	5.43	3.08	.59	.15	.00	5.28	25.51
5 TO 9	5.72	2.93	2.49	.00	.00	.00	.00	11.14
10- UP	.15	2.05	.15	.29	.00	.00	.00	2.64
TOTAL	16.86	10.41	5.72	.88	.15	.00	5.28	39.30

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.09	1.17	.15	.15	.00	.00	.73	11.29
5 TO 9	.88	.59	.00	.00	.00	.00	.44	1.91
10- UP	.29	.15	.00	.00	.00	.00	.00	.44
TOTAL	10.26	1.91	.15	.15	.00	.00	1.17	13.64

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.21	1.47	.29	.00	.00	.00	5.72	26.69
5 TO 9	8.94	1.91	.29	.00	.00	.00	.88	12.02
10- UP	4.69	3.67	.59	.44	.00	.00	.88	10.26
TOTAL	32.84	7.04	1.17	.44	.00	.00	7.48	48.97

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 1.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 6 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.17	.73	.59	.59	.15	.00	5.28	19.50
5 TO 9	2.05	1.03	.15	.15	.00	.15	.15	3.67
10- UP	.15	.44	.29	.00	.00	.00	.00	.88
TOTAL	14.37	2.20	1.03	.73	.15	.15	5.43	24.05

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.02	6.89	1.91	.59	.00	.00	3.23	24.63
5 TO 9	4.25	3.08	1.91	.44	.00	.00	.15	9.82
10- UP	.15	2.20	.29	.15	.00	.00	.00	2.79
TOTAL	16.42	12.17	4.11	1.17	.00	.00	3.37	37.24

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.09	1.17	.00	.15	.00	.00	1.76	12.17
5 TO 9	1.03	.00	.00	.15	.00	.00	.44	1.61
10- UP	.29	.29	.00	.00	.00	.00	.15	.73
TOTAL	10.41	1.47	.00	.29	.00	.00	2.35	14.52

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.04	1.76	.59	.15	.00	.00	4.40	24.93
5 TO 9	8.94	1.47	.29	.15	.00	.00	1.32	12.17
10- UP	5.43	2.20	1.03	.15	.00	.15	.73	9.68
TOTAL	32.40	5.43	1.91	.44	.00	.15	6.45	46.77

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 7 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.08	1.17	.44	.29	.00	.29	6.74	23.02
5 TO 9	1.61	.88	.29	.00	.00	.00	.15	2.93
10- UP	.15	.29	.00	.00	.00	.00	.15	.59
TOTAL	15.84	2.35	.73	.29	.00	.29	7.04	26.54

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.90	4.84	2.64	.59	.15	.15	4.84	26.10
5 TO 9	3.96	2.79	1.61	.29	.00	.00	.29	8.96
10- UP	.73	1.17	.00	.29	.00	.00	.00	2.20
TOTAL	17.60	8.80	4.25	1.17	.15	.15	5.13	37.24

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.29	1.17	.00	.00	.00	.00	2.79	15.25
5 TO 9	.29	.15	.29	.00	.00	.00	.44	1.17
10- UP	.15	.29	.00	.00	.00	.00	.00	.44
TOTAL	11.73	1.61	.29	.00	.00	.00	3.23	16.86

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.91	1.03	.44	.00	.00	.00	6.01	26.39
5 TO 9	7.62	2.49	.59	.00	.00	.00	1.61	12.32
10- UP	3.52	3.37	.59	.00	.29	.00	.29	8.06
TOTAL	30.06	6.89	1.61	.00	.29	.00	7.92	46.77

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 1.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 8 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.82	1.17	.88	.59	.29	.00	6.30	19.06
5 TO 9	1.91	.59	.00	.15	.00	.00	.29	2.93
10- UP	.15	.29	.15	.00	.00	.00	.00	.59
TOTAL	11.88	2.05	1.03	.73	.29	.00	6.60	22.58

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.76	3.08	2.35	.88	.15	.00	4.40	23.61
5 TO 9	4.40	2.05	1.61	1.17	.00	.15	.44	9.82
10- UP	.29	1.61	.15	.29	.00	.00	.00	2.35
TOTAL	17.45	6.74	4.11	2.35	.15	.15	4.84	35.78

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.38	1.03	.00	.00	.00	.00	3.08	13.49
5 TO 9	.88	.59	.00	.00	.00	.00	.15	1.61
10- UP	.29	.29	.00	.00	.00	.00	.00	.59
TOTAL	10.56	1.91	.00	.00	.00	.00	3.23	15.69

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.20	1.76	.00	.15	.00	.00	7.19	22.29
5 TO 9	6.45	2.64	.44	.15	.00	.00	1.61	11.29
10- UP	4.69	2.49	1.47	.29	.00	.00	.15	9.09
TOTAL	24.34	6.89	1.91	.59	.00	.00	8.94	42.67

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 9 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.21	1.03	1.17	.59	.15	.00	6.74	17.89
5 TO 9	3.08	.44	.15	.15	.00	.00	.15	3.96
10- UP	.29	.15	.15	.15	.00	.00	.00	.73
TOTAL	11.58	1.61	1.47	.82	.15	.00	6.89	22.58

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.70	3.81	2.64	1.17	.29	.00	3.96	22.58
5 TO 9	5.43	2.35	2.79	.59	.00	.00	.00	11.14
10- UP	.15	1.91	.29	.88	.00	.00	.00	3.23
TOTAL	16.28	8.06	5.72	2.64	.29	.00	3.96	36.95

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.88	1.61	.00	.00	.00	.00	3.81	17.30
5 TO 9	1.32	.44	.15	.00	.00	.00	.44	2.35
10- UP	.15	.15	.29	.00	.00	.00	.00	.59
TOTAL	13.34	2.20	.44	.00	.00	.00	4.25	20.23

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.53	1.32	.15	.15	.15	.00	4.84	16.13
5 TO 9	7.48	1.76	.59	.15	.00	.00	1.32	11.29
10- UP	6.45	3.37	1.17	.15	.00	.00	.73	11.88
TOTAL	23.46	6.45	1.91	.44	.15	.00	6.89	39.30

TABLE 1.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 10 NUMBER OPS. 692

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.92	1.17	1.47	.88	.29	.15	5.43	17.70
5 TO 9	4.99	.44	.15	.15	.00	.00	.29	6.01
10- UP	.29	.44	.29	.15	.00	.00	.00	1.17
TOTAL	13.20	2.05	1.91	1.17	.29	.15	5.72	24.49

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.26	2.75	1.61	1.72	.44	.00	6.16	22.14
5 TO 9	3.23	2.23	2.97	1.76	.00	.00	.00	11.14
10- UP	.59	2.23	.59	.73	.29	.00	.00	4.40
TOTAL	14.08	7.77	5.13	3.91	.73	.00	6.16	37.68

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.34	1.61	.15	.00	.00	.00	4.40	19.50
5 TO 9	2.20	.59	.15	.00	.00	.00	.15	3.08
10- UP	.29	.59	.15	.00	.00	.00	.00	1.03
TOTAL	15.84	2.79	.44	.00	.00	.00	4.55	23.61

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.21	.88	.15	.29	.15	.00	5.57	15.25
5 TO 9	5.28	1.32	1.32	.15	.00	.00	.73	9.80
10- UP	7.49	3.96	.88	.44	.15	.00	1.32	14.22
TOTAL	20.97	6.16	2.35	.88	.29	.00	7.62	38.27

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 11 NUMBER OPS. 692

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.48	1.76	1.03	1.03	.44	.00	7.48	19.21
5 TO 9	3.23	1.32	.44	.15	.00	.00	.15	5.28
10- UP	.59	1.03	.29	.44	.00	.00	.00	2.35
TOTAL	11.29	4.11	1.76	1.61	.44	.00	7.62	26.83

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.77	2.75	2.64	1.61	.44	.15	4.40	19.35
5 TO 9	3.52	2.64	3.08	1.32	.00	.00	.29	10.85
10- UP	.29	3.23	.29	1.32	.59	.00	.00	5.72
TOTAL	11.58	8.21	6.01	4.25	1.03	.15	4.69	35.92

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.58	.88	.29	.00	.00	.00	5.28	18.04
5 TO 9	2.93	.59	.29	.00	.00	.00	.29	4.11
10- UP	1.03	.59	.29	.00	.00	.00	.15	2.05
TOTAL	15.54	2.05	.88	.00	.00	.00	5.72	24.19

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.33	.73	.59	.29	.15	.00	3.81	12.90
5 TO 9	5.87	1.47	1.03	.15	.15	.00	.44	9.09
10- UP	8.50	4.40	1.76	.73	.00	.00	1.03	16.42
TOTAL	21.70	6.60	3.37	1.17	.29	.00	5.28	38.42

TABLE 1.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 12 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.85	1.91	2.35	1.17	.15	.00	6.74	23.17
5 TO 9	3.67	2.05	.59	.59	.00	.00	.29	7.18
10- UP	.44	.73	1.17	.29	.00	.00	.00	2.64
TOTAL	14.96	4.69	4.11	2.05	.15	.00	7.04	32.99

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.13	2.93	1.91	1.47	1.17	.29	3.23	16.13
5 TO 9	1.91	1.91	4.11	1.91	.00	.00	.00	9.92
10- UP	.15	3.08	.88	1.76	.59	.00	.00	6.45
TOTAL	7.18	7.92	6.89	5.13	1.76	.29	3.23	32.40

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.76	.88	.00	.00	.00	.00	6.16	19.79
5 TO 9	3.37	.88	.00	.00	.00	.00	1.17	5.43
10- UP	.59	1.91	.15	.00	.00	.00	.29	2.93
TOTAL	16.72	3.67	.15	.00	.00	.00	7.62	28.15

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.43	1.03	.88	.88	.15	.00	2.05	10.41
5 TO 9	4.84	1.76	.73	.15	.00	.00	.59	8.06
10- UP	9.82	4.69	2.35	.73	.00	.00	1.07	18.62
TOTAL	20.09	7.48	3.96	1.76	.15	.00	3.67	37.10

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 13 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.70	3.37	2.20	1.61	.44	.00	6.30	24.63
5 TO 9	3.37	1.76	1.47	.59	.29	.00	.00	7.48
10- UP	.44	1.32	.59	.15	.15	.00	.00	2.64
TOTAL	14.52	6.45	4.25	2.35	.88	.00	6.30	34.75

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.16	3.37	3.23	2.64	.59	.29	3.23	19.50
5 TO 9	.88	1.32	2.79	1.32	.00	.00	.00	6.30
10- UP	.29	3.23	1.47	2.05	.88	.00	.00	7.92
TOTAL	7.33	7.92	7.48	6.01	1.47	.29	3.23	33.72

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.02	1.76	.15	.15	.00	.00	7.04	21.11
5 TO 9	3.08	1.03	.15	.00	.00	.00	1.32	5.57
10- UP	1.03	1.76	.44	.00	.00	.00	1.03	4.25
TOTAL	16.13	4.55	.73	.15	.00	.00	9.38	30.94

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.28	1.17	.29	.29	.00	.00	1.32	8.36
5 TO 9	3.37	2.05	1.61	.29	.15	.00	.29	7.77
10- UP	8.80	7.04	2.79	.73	.15	.00	1.61	21.11
TOTAL	17.45	10.26	4.69	1.32	.29	.00	3.23	37.24

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 1.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 14 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.85	2.35	3.23	2.35	.15	.00	6.16	25.07
5 TO 9	3.37	2.64	1.76	.29	.00	.00	.29	8.36
10- UP	.29	1.17	.73	.59	.15	.00	.00	2.93
TOTAL	14.52	6.16	5.72	3.23	.29	.00	6.45	34.36

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.18	2.79	2.93	2.20	1.03	.15	2.35	19.62
5 TO 9	2.05	1.32	3.96	1.17	.00	.00	.00	8.50
10- UP	.59	3.52	1.47	2.20	.44	.00	.00	8.21
TOTAL	9.82	7.62	8.36	5.57	1.47	.15	2.35	35.34

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.49	.59	.15	.15	.00	.00	4.54	19.21
5 TO 9	3.52	1.03	.00	.00	.00	.00	2.20	6.74
10- UP	1.17	2.20	.29	.00	.00	.00	.88	4.55
TOTAL	18.18	3.81	.44	.15	.00	.00	7.92	30.50

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.16	1.47	1.32	.15	.59	.00	1.61	11.29
5 TO 9	4.11	2.05	1.61	.29	.15	.00	.29	8.50
10- UP	8.94	6.16	3.23	.58	.00	.00	1.91	21.11
TOTAL	19.21	9.68	6.16	1.32	.73	.00	3.81	40.91

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 15 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.80	4.25	4.25	2.20	.59	.15	6.89	27.13
5 TO 9	3.37	2.79	1.17	.44	.00	.00	.15	7.92
10- UP	.59	1.32	1.32	.73	.00	.00	.15	4.11
TOTAL	12.76	8.36	6.74	3.37	.59	.15	7.18	39.15

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.16	2.79	3.67	1.41	1.03	.15	3.23	19.62
5 TO 9	2.05	1.32	3.52	2.05	.15	.00	.29	9.38
10- UP	.88	3.96	.88	1.32	.59	.00	.00	7.62
TOTAL	9.09	8.06	8.06	4.99	1.76	.15	3.52	35.63

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.93	1.17	.15	.00	.15	.00	5.28	20.67
5 TO 9	3.67	2.05	.29	.00	.00	.00	1.61	7.62
10- UP	1.17	1.76	.15	.15	.00	.00	.59	3.81
TOTAL	18.77	4.99	.59	.15	.15	.00	7.48	32.11

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.43	1.61	1.47	.73	.44	.00	1.47	11.14
5 TO 9	3.37	3.52	1.61	.44	.00	.00	.29	9.24
10- UP	8.65	6.89	3.81	1.03	.15	.00	1.47	21.99
TOTAL	17.45	12.02	6.89	2.20	.59	.00	3.23	42.38

TABLE 1.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 16 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	5.65	4.40	3.96	1.91	.44	.00	6.60	25.95	6.30	5.72	2.64	2.49	.73	.15	3.23	21.26
5 TO 9	4.25	1.47	1.47	.44	.44	.00	.15	8.21	2.79	1.91	4.69	1.32	.00	.00	.15	10.85
10- UP	.59	.88	1.32	.15	.00	.00	.15	3.08	.59	3.52	1.32	1.47	.15	.00	.00	7.04
TOTAL	13.49	6.74	6.74	2.49	.88	.00	6.89	37.24	9.68	11.14	8.65	5.28	.88	.15	3.37	39.15

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	11.44	1.61	.29	.00	.15	.00	5.13	18.62	6.74	1.61	1.17	.88	.15	.00	2.20	12.76
5 TO 9	4.84	1.76	.15	.00	.00	.00	1.03	7.77	5.57	4.11	1.76	.00	.00	.00	.29	11.73
10- UP	1.47	.88	.59	.00	.00	.00	.44	3.37	8.94	6.30	2.64	1.17	.29	.00	2.05	21.41
TOTAL	17.74	4.25	1.03	.00	.15	.00	6.60	29.77	21.26	12.02	5.57	2.05	.44	.00	4.55	45.89

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 17 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	11.58	5.13	3.81	.88	.15	.00	7.18	28.74	5.29	7.33	3.52	2.79	.88	.00	2.79	22.58
5 TO 9	2.05	1.17	1.17	.44	.00	.00	.00	4.84	2.49	1.76	4.84	1.32	.00	.00	.00	10.41
10- UP	.29	.59	.59	.29	.00	.00	.00	1.76	.15	3.37	.44	.59	.00	.00	.00	4.55
TOTAL	13.93	6.89	5.57	1.61	.15	.00	7.18	35.34	7.92	12.46	8.80	4.69	[illegible]	.00	2.79	37.54

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	14.52	1.61	.29	.00	.00	.00	3.51	20.23	7.18	2.35	.88	.29	.29	.00	1.76	12.76
5 TO 9	2.79	1.03	.00	.00	.00	.00	.59	4.40	7.77	3.37	3.08	.15	.00	.00	.15	14.52
10- UP	.44	1.03	.15	.00	.00	.00	.29	1.91	9.09	6.45	2.05	.15	.00	.00	1.17	18.91
TOTAL	17.74	3.67	.44	.00	.00	.00	4.69	26.54	24.05	12.17	6.01	.59	.29	.00	3.08	46.19

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 1.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 18 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.20	6.74	3.67	1.47	.29	.00	6.45	31.82
5 TO 9	2.20	1.61	.73	.00	.00	.15	.15	4.84
10- UP	.15	.44	.73	.00	.00	.00	.00	1.32
TOTAL	15.54	8.80	5.13	1.47	.29	.15	6.60	37.98

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.68	9.36	3.37	2.35	.29	.00	2.64	26.69
5 TO 9	3.08	2.79	3.67	.15	.15	.15	.00	9.97
10- UP	.00	2.35	.15	.59	.00	.00	.00	3.08
TOTAL	12.76	13.49	7.18	3.08	.44	.15	2.64	39.74

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.44	1.47	.15	.15	.00	.00	3.52	16.72
5 TO 9	3.23	.88	.15	.00	.00	.00	.88	5.13
10- UP	.00	.29	.00	.00	.00	.00	.73	1.03
TOTAL	14.66	2.64	.29	.15	.00	.00	5.13	22.87

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.05	2.93	.59	.59	.00	.00	4.25	21.41
5 TO 9	8.94	5.13	2.05	.15	.00	.00	.88	17.16
10- UP	7.18	4.69	2.35	.44	.15	.00	1.03	15.84
TOTAL	29.18	12.76	4.99	1.17	.15	.00	6.16	54.40

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 19 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.40	3.96	2.64	.59	.00	4.25	27.42	
5 TO 9	2.79	1.32	.29	.15	.00	.00	.15	4.69
10- UP	.15	.15	.29	.15	.00	.00	.00	.73
TOTAL	18.33	5.43	3.23	.86	.59	.00	4.40	32.84

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.70	9.80	4.11	1.47	.00	.15	3.96	29.18
5 TO 9	4.99	3.23	3.23	.29	.00	.00	.00	11.73
10- UP	.44	1.61	.29	.44	.00	.00	.15	2.93
TOTAL	16.13	13.64	7.62	2.20	.00	.15	4.11	43.84

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.70	1.17	.15	.00	.00	.00	2.64	14.66
5 TO 9	2.35	1.32	.15	.00	.00	.00	.15	3.96
10- UP	.29	.00	.00	.00	.00	.00	.29	.59
TOTAL	13.34	2.49	.29	.00	.00	.00	3.08	19.21

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.01	3.23	.73	.29	.00	.00	3.67	24.93
5 TO 9	12.02	4.84	.88	.15	.00	.00	.59	18.48
10- UP	6.30	4.25	1.17	.73	.00	.00	.59	13.05
TOTAL	35.34	12.32	2.79	1.17	.00	.00	4.84	56.45

TABLE 1.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 20 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	11.14	3.08	.88	.44	.15	.15	5.28	21.11	*	12.90	8.36	4.25	1.17	.44	.00	3.23	30.35
5 TO 9	4.11	.73	.44	.00	.00	.00	.00	5.28	*	5.43	3.96	2.79	.73	.00	.00	.15	13.05
10- UP	.00	.29	.00	.00	.00	.00	.00	.29	*	1.17	1.91	.29	.00	.00	.00	.00	3.37
TOTAL	15.25	4.11	1.32	.44	.15	.15	5.28	26.69	*	19.50	14.22	7.33	1.91	.44	.00	3.37	46.77

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	9.09	1.91	.00	.00	.00	.00	2.93	13.93	*	17.16	2.79	.44	.00	.00	.00	4.99	25.37
5 TO 9	2.05	.88	.00	.00	.00	.00	.29	3.23	*	11.73	2.93	.59	.00	.00	.00	1.03	16.28
10- UP	.44	.44	.00	.00	.00	.00	.15	1.03	*	5.87	5.43	1.03	.29	.15	.00	.59	13.34
TOTAL	11.58	3.23	.00	.00	.00	.00	3.37	18.18	*	34.75	11.14	2.05	.29	.15	.00	6.60	54.99

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 21 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	13.93	2.05	.88	.59	.15	.00	4.99	22.58	*	14.37	8.06	2.93	1.76	.29	.00	5.57	32.99
5 TO 9	3.37	.44	.15	.00	.00	.00	.29	4.25	*	7.18	3.23	2.79	.44	.00	.00	.15	13.78
10- UP	.00	.59	.29	.00	.00	.00	.00	.88	*	.73	2.05	.15	.15	.00	.00	.00	3.08
TOTAL	17.30	3.08	1.32	.59	.15	.00	5.28	27.71	*	22.29	13.34	5.87	2.35	.29	.00	5.72	49.85

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	10.12	1.47	.00	.15	.00	.00	1.76	13.49	*	21.55	1.91	.00	.15	.00	.00	6.01	29.62
5 TO 9	1.32	.44	.15	.00	.00	.00	.00	1.91	*	13.34	3.08	.29	.00	.00	.00	2.35	19.06
10- UP	.44	.44	.00	.00	.00	.00	.15	1.03	*	5.87	4.40	1.17	.44	.00	.00	.44	12.32
TOTAL	11.88	2.35	.15	.15	.00	.00	1.91	16.42	*	40.76	9.38	1.47	.59	.00	.00	8.80	61.00

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 1.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 22 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.42	1.91	.44	.56	.15	.00	3.67	23.46
5 TO 9	3.67	.73	.29	.00	.15	.00	.15	4.99
10- UP	.15	.44	.00	.00	.00	.00	.00	.59
TOTAL	20.23	3.08	.73	.88	.29	.00	3.81	29.03

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.94	5.72	4.55	1.17	.15	.00	6.16	32.70
5 TO 9	6.60	2.79	2.35	.29	.00	.00	.00	12.02
10- UP	.29	1.76	.15	.73	.29	.00	.00	3.81
TOTAL	22.47	10.26	7.04	2.20	.44	.00	6.16	48.53

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	5- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.59	1.47	.00	.00	.00	.00	1.17	11.14
5 TO 9	2.20	.44	.00	.00	.00	.00	.44	3.08
10- UP	.29	.15	.00	.00	.00	.00	.15	.59
TOTAL	11.00	2.05	.00	.00	.00	.00	1.76	14.81

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	26.39	1.03	.44	.00	.00	.00	6.45	34.31
5 TO 9	10.12	2.93	.15	.00	.00	.00	2.64	15.94
10- UP	4.84	5.43	1.32	.59	.00	.00	.44	12.61
TOTAL	41.35	9.38	1.91	.59	.00	.00	9.53	62.76

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JAN.

HOUR 23 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.52	2.0[illegible]	.73	.73	.29	.00	4.25	22.58
5 TO 9	2.64	.73	.29	.00	.00	.00	.15	3.81
10- UP	.00	.29	.00	.00	.00	.00	.00	.29
TOTAL	17.16	3.08	1.03	.73	.29	.00	4.40	26.69

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.54	7.92	3.08	1.17	.29	.00	4.99	32.99
5 TO 9	5.72	2.79	2.49	.73	.00	.00	.44	12.17
10- UP	.44	1.47	.00	.44	.00	.00	.00	2.35
TOTAL	21.70	12.17	5.57	2.35	.29	.00	5.43	47.51

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.80	.73	.29	.00	.00	.00	1.47	11.29
5 TO 9	.88	.59	.00	.00	.00	.00	.29	1.76
10- UP	.15	.29	.00	.00	.00	.00	.44	.88
TOTAL	9.82	1.61	.29	.00	.00	.00	2.20	13.93

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	24.78	1.47	.15	.00	.00	.00	6.74	33.14
5 TO 9	12.02	2.35	.29	.00	.00	.00	1.03	15.69
10- UP	5.57	3.52	1.32	.44	.00	.00	.44	11.29
TOTAL	42.38	7.33	1.76	.44	.00	.00	8.21	60.12

TABLE 1.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF JAN.

*** RUNWAY 17 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	21.63	11.01	10.62	14.43	44.83
03-05	22.08	10.72	11.36	14.29	45.49
06-08	20.85	10.19	10.67	13.46	43.72
09-11	17.08	10.28	6.80	13.65	27.58
12-14	17.03	9.54	7.49	14.63	21.55
15-17	17.62	8.61	9.01	13.74	24.15
18-20	23.79	10.18	13.61	15.08	41.87
21-23	20.46	9.74	10.72	13.50	38.49
00-23	20.07	10.03	10.03	14.09	34.89

*** RUNWAY 35 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	19.73	8.66	11.06	16.31	23.59
03-05	19.48	8.86	10.62	14.90	26.21
06-08	18.21	9.06	9.15	14.32	24.90
09-11	17.38	7.93	9.45	12.56	25.63
12-14	14.39	7.73	6.66	11.68	19.71
15-17	14.49	7.93	6.56	12.66	17.56
18-20	19.14	11.26	7.88	19.90	18.15
21-23	19.68	9.79	9.89	19.03	20.36
00-23	17.81	8.90	8.91	14.97	21.99

1.4A

*** RUNWAY 22 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	10.57	5.19	5.38	5.92	43.48
03-05	11.50	6.07	5.43	7.02	40.07
06-08	14.49	8.17	6.31	9.69	40.31
09-11	15.12	8.91	6.22	11.52	27.43
12-14	14.15	7.73	6.41	11.03	21.49
15-17	12.29	4.60	7.68	6.53	26.04
18-20	12.24	5.04	7.20	6.31	35.77
21-23	10.47	4.70	5.78	5.53	38.31
00-23	12.60	6.30	6.30	7.86	31.73

*** RUNWAY 4 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	21.78	9.99	11.80	23.89	20.27
03-05	21.93	9.45	12.48	19.65	24.03
06-08	20.36	8.96	11.40	16.41	25.11
09-11	13.02	6.12	6.90	9.98	17.83
12-14	9.13	4.94	3.18	8.02	8.29
15-17	9.40	6.71	2.69	12.13	6.02
18-20	17.28	9.74	7.54	21.75	13.65
21-23	20.31	10.18	10.13	26.26	16.55
00-23	16.53	8.26	8.27	16.27	16.79

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 1.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF JAN.

*** RUNWAY 17 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	12.70	1.60	.13	14.43
03-05	12.5	1.70	.00	14.29
06-08	11.84	1.42	.19	13.46
09-11	11.18	2.34	.13	13.65
12-14	11.25	2.78	.60	14.63
15-17	12.10	1.41	.23	13.74
18-20	13.63	1.31	.15	15.08
21-23	12.48	.88	.14	13.50
00-23	12.72	1.67	.19	14.09

*** RUNWAY 35 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	14.38	1.94	.00	16.31
03-05	12.59	2.06	.25	14.90
06-08	11.76	2.17	.39	14.32
09-11	10.31	1.94	.31	12.56
12-14	9.61	1.70	.37	11.68
15-17	10.62	1.72	.31	12.66
18-20	15.83	3.37	.69	19.90
21-23	16.09	2.57	.38	19.03
00-23	12.47	2.16	.34	14.97

1.4B

*** RUNWAY 22 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	4.92	1.01	.00	5.92
03-05	6.46	.57	.00	7.02
06-08	8.98	.75	.06	9.69
09-11	10.06	1.39	.06	11.52
12-14	9.78	1.12	.14	11.03
15-17	5.90	.62	.00	6.53
18-20	5.76	.55	.00	6.31
21-23	4.73	.81	.00	5.53
00-23	6.99	.85	.03	7.86

*** RUNWAY 4 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	20.26	3.51	.12	23.89
03-05	17.21	2.04	.41	19.65
06-08	13.54	2.15	.72	16.41
09-11	7.19	1.52	1.28	9.58
12-14	5.96	1.35	.71	8.02
15-17	9.57	1.95	.62	12.13
18-20	19.34	2.19	.22	21.75
21-23	22.22	3.28	.76	26.26
00-23	13.49	2.15	.64	16.27

TABLE 1.5. EDWARDS AFB HEADWIND COMPONENT CUMULATIVE PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF JAN.

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 17 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 35 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	59.41	55.19	53.22	46.19	53.84	*	68.62	65.13	51.92	45.78	57.84
1- 2	67.61	63.04	59.73	54.28	61.53	*	79.13	72.29	61.89	58.75	67.97
2- 3	75.11	70.62	66.47	62.62	69.07	*	86.24	80.42	71.20	70.39	77.01
3- 4	80.48	77.11	72.75	70.33	75.48	*	91.19	86.84	80.43	79.45	84.44
4- 5	84.23	79.44	75.90	73.52	78.58	*	93.89	89.71	84.34	84.39	88.05
5- 6	88.36	83.27	78.07	76.32	81.87	*	96.06	93.65	88.48	89.83	91.72
6- 7	91.86	87.22	81.66	80.22	85.60	*	97.37	95.67	91.65	91.25	93.97
7- 8	94.31	89.69	83.76	83.02	88.05	*	98.15	96.36	93.72	92.97	95.29
8- 9	95.54	92.09	85.79	86.84	90.37	*	98.69	97.29	95.20	94.37	96.38
9-10	96.77	94.10	88.47	89.80	92.54	*	98.92	97.76	95.86	95.23	96.93
10-11	97.67	95.72	90.64	91.43	94.10	*	99.00	98.37	96.68	96.41	97.61
11-12	98.25	96.82	92.51	93.07	95.36	*	99.15	98.61	97.27	97.50	98.12
12-13	98.97	98.05	94.99	95.17	96.93	*	99.54	98.90	98.15	98.28	98.74
13-14	99.16	98.51	95.81	96.19	97.53	*	99.61	99.30	98.30	98.59	98.95
14-15	99.29	98.83	96.93	97.20	98.14	*	99.85	99.54	98.82	99.14	99.33
15-16	99.68	99.35	98.13	98.52	98.97	*	99.92	99.60	99.10	99.30	99.52
16-17	99.81	99.55	98.43	98.91	99.21	*	99.92	99.85	99.34	99.37	99.62
17-18	99.87	99.74	99.18	99.61	99.61	*	99.92	100.00	99.68	99.53	99.73
18-19	99.94	99.87	99.48	99.61	99.74	*	100.00	******	99.70	99.61	99.83
19-20	99.94	99.94	99.78	99.84	99.89	*	******	******	99.78	99.77	99.89
20-21	99.94	99.94	99.93	99.92	99.93	*	******	******	99.85	99.64	99.92
21-22	99.94	99.94	99.93	99.92	99.93	*	******	******	99.85	99.92	99.94
22-23	99.94	100.00	99.93	100.00	99.96	*	******	******	99.93	100.00	99.94
23-24	100.00	******	100.00	******	100.00	*	******	******	99.93	******	99.99
24-25	******	******	******	******	******	*	******	******	100.00	******	99.98
25-26	******	******	******	******	******	*	******	******	******	******	100.00
NOBS	1547	1542	1336	1284	5709	*	1294	1292	1254	1280	5220

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 1.5. (Concluded)

EDWARDS A B HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF JAN.

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 22 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 4 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	51.30	52.53	47.74	36.74	47.86	*	76.10	67.65	55.00	50.75	62.28
1- 2	60.75	57.84	50.94	42.76	53.53	*	84.06	76.97	63.97	61.20	71.46
2- 3	66.67	62.64	54.98	47.26	58.40	*	90.24	82.71	71.75	69.80	78.51
3- 4	72.46	66.75	57.42	51.42	62.60	*	94.19	89.16	80.16	78.49	85.42
4- 5	75.25	69.09	59.51	53.79	65.01	*	96.24	92.33	84.05	82.55	88.87
5- 6	78.90	71.49	61.25	56.96	67.79	*	97.05	94.98	86.35	86.63	91.20
6- 7	81.45	73.96	63.55	60.01	70.38	*	97.76	96.65	88.97	88.57	92.96
7- 8	84.87	76.17	66.06	63.48	73.29	*	98.12	97.53	90.71	90.79	94.27
8- 9	87.30	78.63	68.73	67.43	76.15	*	98.57	97.85	92.06	92.74	95.27
9-10	89.39	81.67	71.08	70.55	78.77	*	98.97	98.01	93.65	94.51	96.24
10-11	91.25	83.75	73.52	73.32	81.03	*	99.28	98.33	94.44	95.49	96.85
11-12	93.39	86.85	76.72	77.20	84.07	*	99.37	98.57	95.56	96.19	97.40
12-13	94.90	88.37	79.72	80.46	86.34	*	99.37	98.73	96.11	97.17	97.82
13-14	96.41	90.64	82.72	83.92	88.84	*	99.64	99.20	96.98	98.05	98.45
14-15	97.16	92.67	85.71	86.56	90.89	*	99.73	99.36	98.10	98.58	98.93
15-16	97.57	94.50	87.94	89.54	92.68	*	99.91	99.52	98.49	98.85	99.18
16-17	98.03	95.32	89.55	92.03	93.97	*	99.91	99.52	98.65	98.94	99.24
17-18	99.01	96.97	92.68	95.77	96.27	*	99.91	99.92	99.13	99.29	99.56
18-19	99.19	97.66	94.36	96.67	97.09	*	99.91	100.00	99.37	99.82	99.77
19-20	99.65	98.93	96.52	98.48	98.46	*	100.00	******	99.68	99.91	99.89
20-21	99.71	99.18	97.07	98.89	98.77	*	******	******	99.76	99.91	99.92
21-22	99.83	99.30	97.56	99.03	98.98	*	******	******	99.76	100.00	99.94
22-23	99.94	99.49	98.47	99.38	99.35	*	******	******	99.84	******	99.96
23-24	99.94	99.56	99.30	99.45	99.58	*	******	******	99.84	******	99.96
24-25	99.94	99.68	99.58	99.72	99.74	*	******	******	99.84	******	99.96
25-26	99.94	99.94	100.00	100.00	99.97	*	******	******	99.92	******	99.98
26-27	100.00	100.00	******	******	100.00	*	******	******	99.92	******	99.98
27-28	******	******	******	******	******	*	******	******	99.92	******	99.98
28-29	******	******	******	******	******	*	******	******	100.00	******	100.00
NOBS	1725	1582	1435	1443	6185	*	1117	1255	1260	1129	4761

TABLE 1,6. EDWARDS AFB BIVARIATE NORMAL STATISTICS
(JANUARY, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 1/43 - 1/68
MONTH OF RECORD - 1,
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	1.18	.19	3.02	1.84	2.36	.4235	568
1	1.61	-.28	5.74	3.28	10.19	.5405	574
2	1.20	-1.69	8.09	5.43	19.15	.4359	561
3	4.32	-2.16	8.95	7.04	15.29	.2426	522
4	7.01	-2.83	9.95	8.41	13.36	.1596	502
5	8.85	-3.44	10.98	9.92	23.11	.2121	483
6	10.64	-4.18	12.08	11.59	24.60	.1757	468
7	12.77	-5.00	13.69	13.19	36.32	.2010	415
8	14.84	-5.33	15.19	14.64	61.24	.2753	407
9	17.10	-6.13	16.79	16.29	79.56	.2909	404
10	19.36	-5.97	17.03	17.30	82.99	.2816	399
11	20.93	-5.58	16.37	17.28	73.48	.2597	396
12	22.34	-5.36	15.09	16.14	40.36	.1656	393
13	22.41	-4.50	13.37	13.96	24.62	.1320	383
14	21.22	-4.00	11.82	11.16	18.27	.1385	374
15	19.05	-3.77	10.04	9.66	11.11	.1146	363
16	16.76	-2.58	8.98	8.21	7.74	.1048	362
17	13.88	-2.32	8.49	7.01	9.26	.1558	349
18	10.82	-2.20	8.27	5.70	10.28	.2183	331
19	8.07	-2.36	7.56	4.87	7.15	.1942	326
20	5.22	-2.45	7.74	4.44	6.97	.2030	315
21	3.25	-2.52	8.61	4.03	6.45	.1859	307
22	2.20	-2.59	9.75	4.00	7.40	.1899	296
23	1.54	-2.76	10.56	3.97	12.84	.3067	293
24	.85	-2.93	11.00	4.35	17.43	.3643	279
25	.99	-2.68	12.16	4.96	27.96	.4639	268
26	1.81	-2.41	13.51	5.47	37.17	.5032	261
27	2.03	-2.58	14.09	5.95	39.93	.4764	230

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

ORIGINAL PAGE IS
OF POOR QUALITY

FEBRUARY

ORIGINAL PAGE IS
OF POOR QUALITY

PRECEDING PAGE BLANK NOT FILMED

TABLE 2.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF FEB.

RUNWAY 17 - 35

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	36.68	17.13	7.09	2.31	.32	.16	36.31	1862
03-05	36.66	12.88	5.26	3.17	.27	.05	41.71	1863
06-08	33.12	10.74	6.71	2.09	.27	.16	46.91	1863
09-11	25.01	11.70	10.95	5.42	.97	.21	45.73	1863
12-14	25.12	16.69	14.92	8.21	1.77	.32	32.96	1863
15-17	20.29	21.74	17.82	9.34	1.77	.32	28.72	1863
18-20	32.72	26.01	12.41	4.19	.75	.21	23.70	1861
21-23	41.97	18.97	8.28	2.85	.43	.11	27.40	1861
00-23	31.45	16.98	10.43	4.70	.82	.19	35.43	14899

2.1A

RUNWAY 22 - 4

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	47.69	10.15	1.40	.27	.21	.00	40.28	1862
03-05	45.95	7.94	1.45	.32	.16	.00	44.18	1863
06-08	41.49	9.34	1.66	.32	.05	.00	47.13	1863
09-11	36.77	11.22	3.81	1.34	.38	.05	46.43	1863
12-14	38.54	14.81	5.80	2.52	.70	.00	37.63	1863
15-17	39.61	17.12	8.64	2.79	.75	.00	31.08	1863
18-20	50.35	16.44	4.57	1.13	.16	.05	27.30	1861
21-23	54.65	12.74	1.63	.59	.05	.00	30.15	1861
00-23	44.38	12.47	3.64	1.16	.31	.01	38.02	14899

2.1B

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	45.27	6.61	1.24	.21	.16	.00	46.51	1862
03-05	42.14	5.21	1.40	.32	.11	.00	50.83	1863
06-08	36.61	6.17	1.45	.32	.05	.00	55.39	1863
09-11	31.88	8.27	3.60	1.23	.21	.00	54.80	1863
12-14	35.21	12.61	5.31	2.04	.32	.00	44.50	1863
15-17	35.86	16.37	7.09	2.90	.32	.00	37.47	1863
18-20	50.13	13.70	3.60	.97	.11	.00	31.49	1861
21-23	52.71	8.38	1.24	.48	.05	.00	37.13	1861
00-23	41.22	9.67	3.11	1.06	.17	.00	44.77	14899

2.1C

PRECEDING PAGE BLANK NOT FILMED

TABLE 2.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF FEB.

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	16.33	2.95	.64	1862	32.71	15.84	3.17
03-05	20.86	2.42	.21	1863	28.34	13.04	2.52
06-08	19.86	2.95	.27	1863	26.89	11.78	1.93
09-11	21.85	6.33	2.09	1863	19.54	10.84	5.80
12-14	27.86	9.66	4.35	1863	16.85	9.77	8.11
15-17	29.04	9.23	3.44	1863	18.41	10.52	9.39
18-20	24.66	5.96	1.34	1861	29.50	15.96	4.08
21-23	17.95	4.30	.59	1861	34.93	19.13	4.78
00-23	22.30	5.48	1.62	14899	25.89	13.31	4.89

2.2A

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	8.11	1.93	.54	1862	30.61	17.72	12.67
03-05	10.63	1.66	.21	1863	28.13	16.53	10.09
06-08	12.67	1.61	.54	1863	25.23	14.06	8.96
09-11	18.09	4.13	3.01	1863	13.90	9.98	16.96
12-14	20.56	9.18	5.74	1863	9.02	10.68	20.83
15-17	15.89	8.91	4.94	1863	11.65	17.15	25.01
18-20	12.36	4.19	1.13	1861	23.59	22.62	17.30
21-23	9.56	2.20	.38	1861	32.94	21.33	14.45
00-23	13.48	4.23	2.06	14899	21.98	15.76	15.79

2.2B

TABLE 2.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 0 NUMBER OBS. 620

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	2.39	2.74	.81	1.45	.00	.00	2.26	15.65	21.13	7.90	1.94	.81	.00	.16	3.87	35.81
5 TO 9	1.77	.97	.48	.00	.00	.16	.32	3.71	7.58	3.87	4.03	.48	.00	.00	.48	16.45
10- UP	.32	.00	.00	.00	.00	.00	.00	.32	.32	2.90	.16	.32	.00	.00	.00	3.71
TOTAL	10.48	3.71	1.29	1.45	.00	.16	2.58	19.68	29.03	14.68	6.13	1.61	.00	.16	4.35	55.97

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	5.81	1.13	.00	.00	.00	.00	.65	7.58	21.29	2.26	.32	.00	.00	.00	9.19	33.06
5 TO 9	.81	.32	.16	.00	.00	.00	.32	1.61	13.06	3.55	.00	.00	.00	.00	2.26	18.87
10- UP	.16	.32	.00	.16	.00	.00	.16	.81	8.39	2.58	1.45	.00	.16	.00	1.13	13.71
TOTAL	6.77	1.77	.16	.16	.00	.00	1.13	10.00	42.74	8.39	1.77	.00	.16	.00	12.58	65.65

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 1 NUMBER OBS. 621

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	10.95	2.25	.64	.32	.16	.16	1.93	16.43	14.98	7.89	2.42	1.29	.00	.00	5.48	32.05
5 TO 9	1.61	.97	.16	.00	.00	.00	.16	2.90	7.73	4.83	3.54	.32	.00	.00	.00	16.43
10- UP	.48	.00	.16	.00	.00	.00	.00	.64	.48	2.42	.16	.16	.00	.00	.00	3.22
TOTAL	13.04	3.22	.97	.32	.16	.16	2.09	19.97	23.19	15.14	6.12	1.77	.00	.00	5.48	51.69

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	6.12	.97	.00	.00	.00	.00	1.13	8.21	19.00	1.77	.16	.16	.00	.00	9.02	30.11
5 TO 9	1.29	.32	.16	.00	.00	.00	.48	2.25	14.65	2.90	.32	.00	.00	.00	.64	18.52
10- UP	.00	.16	.16	.00	.00	.00	.00	.32	7.09	3.70	.32	.16	.16	.00	.81	12.24
TOTAL	7.41	1.45	.32	.00	.00	.00	1.61	10.79	40.74	8.37	.81	.32	.16	.00	10.47	60.87

TABLE 2.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 2 NUMBER OBS. 621

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	11.76	1.29	.81	.32	.32	.00	2.42	16.91	12.24	7.25	2.90	1.13	.32	.00	6.44	30.27
5 TO 9	2.09	.00	.00	.00	.16	.00	.00	2.25	7.25	7.86	3.06	.16	.00	.00	.32	14.65
10- UP	.81	.00	.00	.16	.00	.00	.00	.97	.16	2.25	.16	.00	.00	.00	.00	2.58
TOTAL	14.65	1.29	.81	.48	.48	.00	2.42	20.13	19.65	17.37	6.12	1.29	.32	.00	6.76	47.50

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	5.80	1.29	.00	.00	.00	.00	1.45	8.53	20.13	1.61	.00	.00	.16	.00	6.76	28.66
5 TO 9	1.29	.32	.16	.00	.00	.00	.16	1.93	11.43	3.54	.16	.00	.00	.00	.64	15.78
10- UP	.00	.48	.00	.00	.00	.00	.00	.48	6.76	3.22	.81	.32	.16	.00	.81	12.08
TOTAL	7.09	2.09	.16	.00	.00	.00	1.61	10.95	38.33	8.37	.97	.32	.32	.00	8.21	56.52

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 3 NUMBER OBS. 621

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	12.56	1.61	.64	.32	.16	.00	3.38	18.68	14.81	6.76	2.25	1.45	.16	.00	4.35	29.79
5 TO 9	1.61	.48	.00	.00	.16	.16	.16	2.58	8.37	1.93	3.06	.48	.00	.00	.32	14.17
10- UP	.00	.00	.00	.32	.00	.00	.00	.32	.32	1.45	.16	.32	.00	.00	.00	2.25
TOTAL	14.17	2.09	.64	.64	.32	.16	3.54	21.58	23.51	10.14	5.49	2.25	.16	.00	4.67	46.22

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	6.60	1.13	.00	.00	.00	.00	2.42	10.14	19.16	1.29	.00	.16	.16	.00	6.29	27.05
5 TO 9	1.29	.16	.00	.00	.00	.00	.00	1.45	13.04	2.90	.16	.00	.00	.00	1.77	17.87
10- UP	.00	.00	.00	.00	.00	.00	.32	.32	6.28	2.90	.81	.32	.32	.00	.32	10.95
TOTAL	7.89	1.29	.00	.00	.00	.00	2.74	11.92	38.49	7.09	.97	.48	.48	.00	8.37	55.88

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 2.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 4 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.40	1.13	1.13	1.29	.00	.00	3.86	19.81
5 TO 9	1.93	.16	.16	.00	.00	.00	.00	2.25
10- UP	.00	.16	.00	.00	.00	.00	.00	.16
TOTAL	14.33	1.45	1.29	1.29	.00	.00	3.86	22.22

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.69	7.41	1.45	.81	.00	.00	4.51	27.86
5 TO 9	7.89	1.77	2.09	1.29	.00	.00	.16	13.20
10- UP	.16	2.25	.32	.16	.16	.00	.00	3.06
TOTAL	21.74	11.43	3.86	2.25	.16	.00	4.67	44.12

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.44	.32	.00	.16	.00	.00	2.74	9.66
5 TO 9	1.29	.32	.00	.00	.00	.00	.32	1.93
10- UP	.00	.00	.16	.00	.00	.00	.00	.16
TOTAL	7.73	.64	.16	.16	.00	.00	3.06	11.76

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.29	1.13	.16	.00	.00	.00	5.96	27.54
5 TO 9	13.04	2.09	.64	.00	.00	.00	.97	16.75
10- UP	6.28	1.93	.81	.32	.00	.00	.81	10.14
TOTAL	39.61	5.15	1.61	.32	.00	.00	7.73	54.43

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 5 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.81	2.25	.97	.64	.00	.00	5.48	24.15
5 TO 9	1.29	.97	.16	.00	.00	.00	.00	2.42
10- UP	.16	.00	.00	.00	.00	.00	.00	.16
TOTAL	16.26	3.22	1.13	.64	.00	.00	5.48	26.73

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.20	6.60	1.45	1.61	.16	.00	4.35	27.38
5 TO 9	6.60	2.25	1.77	.81	.00	.00	.32	11.76
10- UP	.32	1.77	.16	.00	.00	.00	.00	2.25
TOTAL	20.13	10.63	3.38	2.42	.16	.00	4.67	41.38

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.05	1.29	.00	.00	.00	.00	2.74	12.08
5 TO 9	.64	.32	.00	.00	.00	.00	.64	1.61
10- UP	.00	.00	.00	.00	.00	.00	.16	.16
TOTAL	8.70	1.61	.00	.00	.00	.00	3.54	13.85

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.16	2.42	.16	.00	.00	.00	8.05	29.79
5 TO 9	11.11	2.90	.32	.00	.00	.00	.64	14.98
10- UP	5.15	2.74	1.13	.00	.00	.00	.16	9.18
TOTAL	35.43	8.05	1.61	.00	.00	.00	8.86	53.95

TABLE 2.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 6 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.24	.48	.81	.81	.00	.00	5.64	19.97
5 TO 9	1.45	.64	.16	.00	.00	.00	.32	2.58
10- UP	.16	.00	.00	.00	.00	.00	.00	.16
TOTAL	13.85	1.13	.97	.81	.00	.00	5.96	22.71

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.62	7.41	2.25	.81	.16	.00	3.70	29.95
5 TO 9	6.28	1.77	2.90	.32	.00	.00	.32	11.59
10- UP	.81	.81	.32	.00	.00	.00	.00	1.93
TOTAL	22.71	9.98	5.48	1.13	.16	.00	4.07	43.48

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.31	.81	.00	.00	.00	.00	1.93	13.04
5 TO 9	.48	.32	.00	.00	.00	.00	.32	1.13
10- UP	.00	.16	.00	.00	.00	.00	.16	.32
TOTAL	10.79	1.29	.00	.00	.00	.00	2.42	14.49

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.81	1.29	.32	.00	.00	.00	6.92	28.34
5 TO 9	10.14	3.38	.48	.00	.00	.00	.48	14.49
10- UP	4.87	2.09	1.13	.16	.00	.00	.48	8.70
TOTAL	34.82	6.76	1.93	.16	.00	.00	7.89	51.53

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 7 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.43	1.29	1.93	.64	.00	.00	4.67	19.97
5 TO 9	1.61	.81	.16	.16	.00	.00	.16	2.90
10- UP	.00	.16	.00	.00	.00	.00	.00	.16
TOTAL	13.04	2.25	2.09	.81	.00	.00	4.83	23.03

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.33	5.31	3.06	.97	.00	.16	3.22	27.05
5 TO 9	5.80	1.77	1.61	.16	.16	.00	.32	9.82
10- UP	.48	1.13	.00	.16	.00	.00	.00	1.77
TOTAL	20.61	8.21	4.67	1.29	.16	.16	3.54	38.65

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.37	.48	.16	.00	.00	.00	2.09	11.11
5 TO 9	.97	.32	.00	.00	.00	.00	.00	1.29
10- UP	.00	.64	.00	.00	.00	.00	.00	.64
TOTAL	9.34	1.45	.16	.00	.00	.00	2.09	13.04

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.23	2.25	.16	.00	.00	.00	7.09	26.73
5 TO 9	9.02	3.38	.48	.00	.00	.00	1.13	14.01
10- UP	3.38	2.90	1.13	.32	.00	.00	.16	7.89
TOTAL	29.63	8.53	1.77	.32	.00	.00	8.37	48.63

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 2.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 8 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.02	1.61	1.29	.64	.32	.00	6.76	19.65
5 TO 9	2.58	.32	.16	.00	.16	.00	.16	3.78
10- UP	.16	.32	.00	.00	.00	.00	.00	.48
TOTAL	11.76	2.25	1.45	.64	.48	.00	6.92	23.51

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.63	4.99	2.42	.97	.00	.16	4.51	23.67
5 TO 9	6.60	1.93	3.38	.48	.00	.16	.16	12.72
10- UP	.32	1.61	.00	.16	.00	.00	.00	2.09
TOTAL	17.55	8.53	5.80	1.61	.00	.32	4.67	38.49

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.66	.97	.16	.00	.00	.00	3.06	13.85
5 TO 9	1.29	.64	.00	.00	.00	.00	.48	2.42
10- UP	.00	.64	.00	.00	.00	.00	.00	.64
TOTAL	10.95	2.25	.16	.00	.00	.00	3.54	16.91

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.69	1.45	.16	.00	.00	.00	5.31	20.61
5 TO 9	9.34	3.54	.00	.00	.00	.00	.81	13.69
10- UP	5.96	2.74	.81	.48	.16	.00	.16	10.31
TOTAL	28.99	7.73	.97	.48	.16	.00	6.28	44.61

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 9 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.89	1.93	1.61	.81	.64	.00	6.60	19.48
5 TO 9	3.70	.81	.64	.32	.00	.00	.16	5.64
10- UP	.48	.64	.16	.00	.00	.00	.00	1.29
TOTAL	12.08	3.38	2.42	1.13	.64	.00	6.76	26.41

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.86	3.06	1.29	1.45	.64	.16	5.96	21.42
5 TO 9	5.94	1.13	4.83	.64	.00	.00	.32	12.88
10- UP	.48	2.74	.16	.32	.00	.00	.00	3.70
TOTAL	15.30	6.92	6.28	2.42	.64	.16	6.28	38.00

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.92	1.45	.16	.00	.00	.00	4.19	17.71
5 TO 9	2.09	.48	.00	.00	.00	.00	.00	2.58
10- UP	.16	.81	.32	.00	.00	.00	.32	1.61
TOTAL	14.17	2.74	.48	.00	.00	.00	4.51	21.90

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.50	1.77	.64	.00	.00	.00	5.31	17.23
5 TO 9	6.60	3.38	.81	.16	.00	.00	.32	11.27
10- UP	8.05	2.25	2.09	.97	.00	.00	.64	14.01
TOTAL	24.15	7.41	3.54	1.13	.00	.00	6.28	42.51

TABLE 2.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 10 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.34	1.77	1.77	1.29	.64	.16	6.44	21.42
5 TO 9	3.70	.97	.81	.32	.32	.32	.00	6.44
10- UP	.32	.64	.48	.48	.00	.00	.00	1.93
TOTAL	13.37	3.38	3.06	2.09	.97	.48	6.44	29.79

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.70	2.58	2.59	1.45	.16	.00	5.15	20.61
5 TO 9	3.54	1.45	4.19	1.45	.00	.00	.16	10.79
10- UP	.16	3.06	.81	1.13	.00	.00	.16	5.31
TOTAL	12.40	7.09	7.57	4.03	.16	.00	5.48	36.71

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.24	.97	.16	.00	.00	.00	4.83	18.20
5 TO 9	2.58	.32	.16	.00	.00	.00	.81	3.86
10- UP	.97	.97	.32	.00	.00	.00	.64	2.90
TOTAL	15.78	2.25	.64	.00	.00	.00	6.28	24.96

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.92	1.45	.32	.16	.16	.00	4.51	13.53
5 TO 9	5.31	2.42	1.29	.16	.00	.00	.64	9.82
10- UP	9.18	4.35	1.77	.91	.64	.00	.81	17.55
TOTAL	21.42	8.21	3.38	1.13	.81	.00	5.96	40.90

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 11 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.47	3.22	2.90	2.09	.16	.00	5.80	24.64
5 TO 9	3.70	1.29	1.29	.48	.00	.00	.16	6.92
10- UP	.64	.81	1.13	.48	.00	.00	.00	3.06
TOTAL	14.81	5.31	5.31	3.06	.16	.00	5.96	34.62

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.31	2.90	2.25	1.61	.16	.00	4.35	16.59
5 TO 9	1.93	1.77	4.83	.16	.00	.00	.16	8.86
10- UP	.97	4.35	1.13	1.77	.16	.00	.00	8.37
TOTAL	8.21	9.02	8.21	3.54	.32	.00	4.51	33.82

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.79	.81	.00	.00	.16	.00	6.60	18.36
5 TO 9	3.70	.81	.00	.16	.00	.00	1.29	5.96
10- UP	.81	2.25	.00	.00	.00	.00	1.45	4.51
TOTAL	15.30	3.86	.00	.16	.16	.00	9.34	28.82

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.64	.97	.16	.32	.16	.16	3.54	10.95
5 TO 9	3.70	2.90	1.77	.00	.00	.00	.48	8.86
10- UP	10.14	5.31	1.45	1.29	.00	.00	1.13	19.32
TOTAL	19.48	9.18	3.38	1.61	.16	.16	5.15	39.13

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 2.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 12 NUMBER OPS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.92	3.22	4.35	1.61	.32	.00	5.96	27.38
5 TO 9	4.35	1.45	1.29	.64	.00	.00	.16	7.89
10- UP	.32	1.45	1.45	.32	.00	.00	.16	3.70
TOTAL	16.59	6.12	7.09	2.58	.32	.00	6.28	38.97

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.83	2.56	3.22	1.29	.16	.48	2.74	15.30
5 TO 9	2.74	2.25	3.54	1.45	.00	.00	.00	9.98
10- UP	.48	3.22	1.93	1.61	.48	.00	.16	7.59
TOTAL	8.05	8.05	8.70	4.35	.64	.48	2.90	33.17

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.24	.64	.16	.00	.00	.00	6.92	19.97
5 TO 9	5.15	.81	.16	.00	.00	.00	2.25	8.37
10- UP	1.61	2.09	.16	.16	.00	.00	1.13	5.15
TOTAL	19.00	3.54	.48	.16	.00	.00	10.31	33.49

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.86	.97	.00	.64	.16	.00	2.09	7.73
5 TO 9	4.99	2.42	2.25	.48	.00	.00	.16	10.31
10- UP	9.98	5.96	2.25	1.29	.00	.00	.97	20.45
TOTAL	18.84	9.34	4.51	2.42	.16	.00	3.22	38.49

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 13 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.79	4.67	3.06	2.09	.97	.00	6.92	28.50
5 TO 9	4.35	2.90	1.45	.48	.16	.16	.16	9.66
10- UP	.64	2.42	1.29	.48	.00	.00	.00	4.83
TOTAL	15.78	9.93	5.80	3.06	1.13	.16	7.09	43.00

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.92	2.74	2.42	1.61	.64	.00	3.38	17.71
5 TO 9	2.09	2.25	3.86	.97	.16	.00	.00	9.34
10- UP	.64	3.22	1.61	1.77	.81	.00	.00	8.05
TOTAL	9.66	8.21	7.89	4.35	1.61	.00	3.38	35.10

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.40	1.29	.32	.00	.00	.00	7.09	21.10
5 TO 9	4.51	2.25	.16	.00	.00	.00	2.42	9.34
10- UP	2.09	2.25	.48	.00	.00	.00	1.13	5.96
TOTAL	19.00	5.80	.97	.00	.00	.00	10.63	36.39

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.28	.00	.64	1.29	.16	.00	2.25	10.63
5 TO 9	4.03	4.03	1.29	.00	.00	.00	.81	10.14
10- UP	8.53	5.80	2.58	1.61	.32	.00	1.29	20.13
TOTAL	18.84	9.82	4.51	2.90	.48	.00	4.35	40.90

TABLE 2.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 14 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.27	4.35	4.03	2.74	.00	.16	5.15	27.70
5 TO 9	4.83	3.86	1.29	.81	.48	.00	.16	11.43
10- UP	.48	1.45	1.61	.97	.00	.00	.00	4.51
TOTAL	16.59	9.66	6.92	4.51	.48	.16	5.31	43.64

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.12	3.96	2.58	2.42	.81	.16	1.61	17.55
5 TO 9	3.06	1.29	4.03	1.29	.00	.00	.32	9.98
10- UP	.48	3.55	2.09	2.09	.32	.00	.00	8.37
TOTAL	9.66	8.53	8.70	5.80	1.13	.16	1.93	35.91

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.04	2.09	.32	.00	.32	.00	4.83	20.61
5 TO 9	4.83	.97	.16	.16	.00	.00	3.70	9.92
10- UP	2.25	2.09	.32	.00	.00	.00	1.45	6.12
TOTAL	20.13	5.15	.81	.16	.32	.00	9.98	36.55

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.67	.64	.81	.97	.32	.00	1.29	8.70
5 TO 9	5.31	4.03	1.61	.00	.16	.00	.48	11.59
10- UP	9.82	6.12	3.70	.97	.64	.00	.64	21.90
TOTAL	19.81	10.79	6.12	1.93	1.13	.00	2.42	42.19

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 15 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.95	5.80	5.15	2.74	.81	.32	5.96	31.72
5 TO 9	3.22	3.38	2.09	.64	.00	.16	.00	9.50
10- UP	.48	1.45	.64	1.29	.00	.00	.16	4.03
TOTAL	14.65	10.63	7.89	4.67	.81	.48	6.12	45.25

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.67	2.58	2.59	2.42	.48	.00	2.25	14.98
5 TO 9	2.90	1.77	4.03	1.77	.32	.00	.16	10.95
10- UP	.97	4.83	1.45	1.61	.48	.00	.00	9.34
TOTAL	8.53	9.18	8.05	5.80	1.29	.00	2.42	35.27

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.43	.64	.32	.00	.16	.00	6.44	19.00
5 TO 9	5.96	1.29	.48	.00	.00	.00	1.61	9.34
10- UP	2.74	1.45	.32	.00	.00	.00	1.13	5.64
TOTAL	20.13	3.37	1.13	.00	.16	.00	9.18	33.98

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	[illegible]	1.29	1.61	.48	.81	.00	.97	10.63
5 TO 9	4.67	3.70	2.42	.16	.00	.00	.64	11.59
10- UP	10.47	7.25	4.03	1.45	.48	.00	.32	23.99
TOTAL	20.61	12.24	8.05	2.09	1.29	.00	1.93	46.22

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 2.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 16 NUMBER OBS. 621

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	6.60	5.15	5.64	2.90	1.29	.16	6.60	28.34	5.15	3.38	4.51	2.25	.16	.00	2.74	18.20
5 TO 9	2.90	3.06	2.42	.64	.00	.16	.16	9.34	2.42	2.58	3.86	2.09	.00	.00	.00	10.95
10- UP	.48	1.61	.48	1.29	.00	.00	.00	3.86	.81	5.48	1.93	.81	.16	.00	.00	9.18
TOTAL	9.98	9.82	8.53	4.83	1.29	.32	6.76	41.55	8.37	11.43	10.31	5.15	.32	.00	2.74	38.33

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	9.98	.97	.48	.00	.00	.00	4.03	15.46	4.83	.81	1.45	.64	.32	.00	2.74	10.79
5 TO 9	5.96	1.93	.16	.16	.00	.00	1.61	9.82	5.31	2.74	3.38	.32	.00	.00	.64	12.40
10- UP	1.93	1.61	.16	.00	.00	.00	1.45	5.15	10.79	8.53	3.22	1.93	.32	.00	.97	25.76
TOTAL	17.87	4.51	.81	.16	.00	.00	7.09	30.43	20.93	12.08	8.05	2.90	.64	.00	4.35	48.95

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 17 NUMBER OBS. 621

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	7.73	5.96	5.31	2.58	.81	.00	4.67	27.05	6.12	5.48	5.80	1.93	.64	.16	1.93	22.06
5 TO 9	2.25	3.38	2.09	.81	.16	.00	.16	8.86	2.74	2.90	3.54	.48	.00	.00	.00	9.66
10- UP	.32	1.13	.32	.64	.00	.00	.00	2.42	.97	5.48	1.93	1.29	.00	.00	.00	9.66
TOTAL	10.31	10.47	7.73	4.03	.97	.00	4.83	38.33	9.62	13.85	11.27	3.70	.64	.16	1.93	41.38

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	9.34	1.29	.00	.00	.00	.00	2.58	13.20	7.09	1.93	1.93	.48	.00	.00	2.09	13.53
5 TO 9	3.86	1.13	.32	.00	.00	.00	2.25	7.57	6.12	4.99	3.06	.64	.00	.00	.64	15.46
10- UP	2.09	.81	.00	.00	.00	.00	1.13	4.03	10.79	9.02	2.58	2.09	.16	.00	.64	25.28
TOTAL	15.30	3.22	.32	.00	.00	.00	5.96	24.80	23.99	15.94	7.57	3.22	.16	.00	3.38	54.27

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 2.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 18 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.11	6.44	3.54	2.09	.64	.00	2.09	25.93
5 TO 9	1.93	2.74	.48	.16	.00	.00	.16	5.48
10- UP	.32	.97	.32	.16	.00	.00	.00	1.77
TOTAL	13.37	10.14	4.35	2.42	.64	.00	2.25	37.17

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.31	10.91	4.35	1.77	.32	.32	1.29	28.66
5 TO 9	5.15	2.56	4.67	.64	.00	.00	.00	13.04
10- UP	.48	3.86	.64	.32	.00	.00	.00	5.31
TOTAL	15.94	16.75	9.66	2.74	.32	.32	1.29	47.02

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.21	1.93	.64	.00	.00	.00	2.09	12.88
5 TO 9	4.03	.81	.16	.00	.00	.00	1.29	6.28
10- UP	.64	.32	.00	.00	.00	.00	.81	1.77
TOTAL	12.88	3.06	.81	.00	.00	.00	4.19	20.93

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.98	2.25	.81	.00	.16	.00	4.03	17.23
5 TO 9	13.53	5.96	2.09	.32	.00	.00	.64	22.54
10- UP	9.50	4.83	2.42	1.29	.16	.00	.81	19.00
TOTAL	33.01	13.04	5.31	1.61	.32	.00	5.48	59.78

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 19 NUMBER OBS. 620

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.13	6.29	2.10	1.29	.16	.16	1.45	27.58
5 TO 9	3.23	2.10	.65	.48	.00	.00	.16	6.61
10- UP	.00	.81	.16	.16	.00	.00	.00	1.13
TOTAL	19.35	9.19	2.90	1.94	.16	.16	1.61	35.32

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.81	11.13	3.71	1.45	.32	.16	2.42	30.00
5 TO 9	5.48	5.64	4.68	.81	.00	.00	.00	16.45
10- UP	.48	2.90	.16	.16	.16	.00	.00	3.87
TOTAL	16.77	19.52	8.55	2.42	.48	.16	2.42	50.32

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.90	2.42	.16	.00	.00	.00	1.77	12.26
5 TO 9	1.94	.32	.00	.00	.00	.00	.81	3.06
10- UP	.65	.32	.00	.00	.00	.00	.16	1.13
TOTAL	10.48	2.06	.16	.00	.00	.00	2.74	16.45

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.68	5.00	1.13	.16	.00	.00	2.26	28.23
5 TO 9	14.19	6.77	1.29	.32	.00	.00	1.29	23.87
10- UP	9.19	4.35	1.61	.65	.16	.00	.81	16.77
TOTAL	43.06	16.13	4.03	1.13	.16	.00	4.35	68.87

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 2.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 20 NUMBER OBS. 520

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.77	3.87	.81	.81	.16	.00	3.06	20.48
5 TO 9	2.74	2.10	.48	.00	.00	.00	.48	5.81
10- UP	.00	.48	.48	.16	.00	.00	.00	1.13
TOTAL	14.52	6.45	1.77	.97	.16	.00	3.55	27.42

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.81	9.52	4.35	1.45	.32	.00	3.39	29.84
5 TO 9	7.74	4.35	5.65	.48	.00	.00	.16	18.39
10- UP	.48	2.26	.00	.16	.16	.00	.00	3.06
TOTAL	19.03	16.13	10.00	2.10	.48	.00	3.55	51.29

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.39	1.61	.16	.00	.00	.00	1.77	11.94
5 TO 9	1.94	.65	.00	.00	.00	.00	.65	3.23
10- UP	.32	.00	.16	.00	.00	.00	.00	.48
TOTAL	10.65	2.26	.32	.00	.00	.00	2.42	15.65

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.13	3.55	.81	.32	.00	.16	4.35	25.32
5 TO 9	15.48	3.39	.97	.16	.00	.00	1.45	21.45
10- UP	9.35	4.84	1.29	.16	.00	.00	.48	16.13
TOTAL	40.97	11.77	3.06	.65	.00	.16	6.29	62.90

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 21 NUMBER OBS. 620

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.13	2.58	1.13	.81	.16	.00	4.35	20.16
5 TO 9	2.90	.97	.16	.16	.00	.00	.32	4.52
10- UP	.16	.16	.00	.00	.00	.00	.16	.48
TOTAL	14.19	3.71	1.29	.97	.16	.00	4.84	25.16

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.26	9.19	3.87	.97	.00	.00	4.52	30.81
5 TO 9	11.61	4.19	3.71	.65	.00	.00	.32	20.48
10- UP	.81	2.26	.65	.16	.16	.00	.00	4.03
TOTAL	24.68	15.65	8.23	1.77	.16	.00	4.84	55.32

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.87	1.61	.32	.00	.00	.00	1.13	11.94
5 TO 9	1.61	.65	.00	.00	.00	.00	.32	2.58
10- UP	.00	.00	.16	.16	.00	.00	.00	.32
TOTAL	10.48	2.26	.48	.16	.00	.00	1.45	14.84

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.52	3.71	.32	.00	.00	.00	4.68	28.23
5 TO 9	17.90	3.39	.48	.16	.00	.00	1.13	23.06
10- UP	7.26	4.84	.81	.48	.00	.00	.97	14.35
TOTAL	44.68	11.94	1.61	.65	.00	.00	6.77	65.65

TABLE 2.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 22 NUMBER OBS. 620

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.81	3.06	.81	.48	.32	.00	2.26	17.74
5 TO 9	2.42	.81	.32	.00	.00	.00	.48	4.03
10- UP	.65	.32	.00	.00	.00	.00	.00	.97
TOTAL	13.87	4.19	1.13	.48	.32	.00	2.74	22.74

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.42	7.74	2.90	1.29	.48	.00	5.65	35.48
5 TO 9	11.45	4.35	3.23	.97	.00	.00	.00	20.00
10- UP	.81	2.74	.32	.48	.00	.00	.00	4.35
TOTAL	29.68	14.84	6.45	2.74	.48	.00	5.65	59.84

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.48	1.45	.16	.00	.00	.00	1.45	8.55
5 TO 9	1.13	.16	.00	.00	.00	.00	.65	1.94
10- UP	.16	.32	.16	.00	.00	.00	.45	1.13
TOTAL	6.77	1.94	.32	.00	.00	.00	2.10	11.13

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	23.23	2.58	.32	.00	.00	.00	8.55	34.68
5 TO 9	15.81	3.39	.16	.00	.00	.00	1.29	20.65
10- UP	8.27	5.16	1.45	.48	.00	.00	.65	15.97
TOTAL	47.26	11.13	1.94	.48	.00	.00	10.48	71.29

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF FEB.

HOUR 23 NUMBER OBS. 621

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.31	2.74	1.13	.48	.00	.00	1.29	15.94
5 TO 9	2.74	.81	.00	.00	.00	.16	.64	4.35
10- UP	.16	.16	.00	.00	.00	.00	.32	.64
TOTAL	13.20	3.70	1.13	.48	.00	.16	1.93	20.61

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	21.10	8.86	2.42	1.29	.16	.16	4.51	38.49
5 TO 9	9.02	3.70	3.54	.32	.00	.00	.32	16.91
10- UP	.32	2.25	.81	.48	.00	.00	.00	3.86
TOTAL	30.47	14.81	6.76	2.09	.16	.16	4.83	59.26

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.80	1.45	.16	.00	.00	.00	.81	8.21
5 TO 9	.81	.97	.00	.00	.00	.00	.32	2.09
10- UP	.00	.00	.16	.00	.00	.00	.00	.16
TOTAL	6.60	2.42	.32	.00	.00	.00	1.17	10.47

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	24.15	2.74	.00	.00	.00	.00	9.02	35.91
5 TO 9	16.91	2.09	.32	.00	.00	.00	.97	20.29
10- UP	7.09	3.70	.48	.48	.16	.00	1.13	13.04
TOTAL	48.15	8.53	.81	.48	.16	.00	11.11	69.24

TABLE 2.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF FEB.

*** RUNWAY 17 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	18.06	9.35	8.71	11.69	43.67
03-05	21.88	11.13	10.75	14.56	45.66
06-08	20.22	10.70	9.52	13.90	41.36
09-11	17.15	10.70	6.45	15.33	21.35
12-14	18.23	10.16	8.06	17.50	19.23
15-17	18.55	7.26	11.29	12.47	27.03
18-20	24.68	11.02	13.66	16.19	42.76
21-23	17.47	7.80	9.68	10.12	42.15
00-23	19.53	9.76	9.76	13.83	33.20

*** RUNWAY 35 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	21.24	8.98	12.26	18.58	23.73
03-05	19.78	9.46	10.32	16.87	23.50
06-08	19.92	8.55	10.38	14.31	25.77
09-11	15.27	6.83	8.44	10.70	23.33
12-14	15.70	8.17	7.53	12.51	21.71
15-17	15.97	9.95	6.02	16.10	15.75
18-20	21.02	11.88	9.14	23.59	18.42
21-23	19.55	9.41	9.14	22.41	15.76
00-23	18.31	9.15	9.15	16.37	20.77

24A

*** RUNWAY 22 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	9.25	4.95	4.30	5.53	40.61
03-05	11.83	6.34	5.48	7.25	43.78
06-08	14.14	8.28	5.86	9.71	39.78
09-11	15.32	9.62	5.70	12.87	22.60
12-14	14.25	7.20	7.04	11.17	19.85
15-17	11.34	3.49	7.85	4.98	26.35
18-20	10.22	4.09	6.13	4.96	34.65
21-23	8.82	3.60	5.22	4.10	42.92
00-23	11.90	5.95	5.95	7.41	30.08

*** RUNWAY 4 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	22.20	9.46	12.74	24.24	20.90
03-05	20.65	9.62	11.02	21.28	20.12
06-08	20.32	8.66	11.67	16.75	24.14
09-11	11.88	5.27	6.61	8.90	16.21
12-14	8.87	5.70	3.17	9.58	7.82
15-17	9.46	6.83	2.63	13.58	5.30
18-20	18.33	10.32	8.01	28.32	12.61
21-23	17.96	8.98	8.98	28.69	13.07
00-23	16.21	8.10	8.10	17.40	15.17

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 2.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF FEB.

*** RUNWAY 17 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	10.41	1.01	.27	11.69
03-05	12.87	1.48	.21	14.56
06-08	11.94	1.96	.00	13.90
09-11	12.87	2.00	.46	15.33
12-14	14.07	2.78	.65	17.50
15-17	10.43	1.75	.29	12.47
18-20	14.69	1.34	.16	16.19
21-23	8.56	1.19	.07	10.12
00-23	11.94	1.65	.25	13.83

*** RUNWAY 35 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	16.13	2.34	.11	18.58
03-05	14.09	2.49	.29	16.87
06-08	11.25	2.79	.27	14.31
09-11	9.18	.93	.59	10.70
12-14	10.37	1.81	.33	12.51
15-17	12.36	3.22	.52	16.10
18-20	18.25	4.48	.85	23.59
21-23	19.46	2.94	.00	22.41
00-23	13.42	2.56	.38	16.37

****

*** RUNWAY 22 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	4.75	.60	.18	5.53
03-05	6.27	.61	.37	7.25
06-08	8.58	1.01	.13	9.71
09-11	10.86	1.58	.43	12.87
12-14	9.17	1.75	.25	11.17
15-17	4.06	.77	.15	4.98
18-20	4.38	.52	.07	4.96
21-23	3.78	.80	.12	4.10
00-23	6.28	.92	.21	7.41

*** RUNWAY 4 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	19.28	3.99	.96	24.24
03-05	19.38	1.43	.48	21.28
06-08	13.84	2.39	.52	16.75
09-11	6.77	1.36	.82	8.90
12-14	6.33	2.35	.90	9.58
15-17	9.84	2.78	.96	13.58
18-20	22.71	5.01	.59	28.32
21-23	24.05	3.95	.69	28.69
00-23	13.94	2.71	.75	17.40

248

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 2.5. EDWARDS AFB HEADWIND COMPONENT CUMULATIVE PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF FEB.

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 17 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 35 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	55.97	54.27	47.37	39.50	49.97	*	68.85	56.77	41.37	38.12	51.05
1- 2	64.27	60.89	53.37	47.37	57.21	*	79.89	67.20	53.45	51.87	62.87
2- 3	71.18	67.59	60.85	57.46	64.91	*	87.70	74.77	64.80	66.23	73.16
3- 4	77.74	72.75	65.74	63.26	70.56	*	92.28	83.01	74.26	76.15	81.26
4- 5	82.69	76.14	69.25	66.02	74.29	*	94.70	86.80	78.78	79.90	84.90
5- 6	87.44	78.63	71.93	69.98	77.86	*	96.95	91.67	83.96	84.51	89.16
6- 7	91.21	83.60	75.62	75.05	82.17	*	98.11	94.03	87.83	88.25	91.97
7- 8	93.86	86.68	79.32	78.08	85.25	*	99.01	95.21	89.80	90.08	93.44
8- 9	95.74	89.92	83.01	81.12	88.15	*	99.46	96.05	92.02	92.43	94.92
9-10	97.49	91.69	86.06	83.89	90.41	*	99.55	96.80	93.34	94.43	95.97
10-11	98.46	94.30	88.55	86.74	92.57	*	99.55	97.31	94.90	95.74	96.83
11-12	98.81	95.92	90.21	89.13	94.00	*	99.55	97.77	95.49	96.34	97.24
12-13	99.37	97.38	92.80	91.80	95.72	*	99.64	98.32	97.12	98.00	98.24
13-14	99.51	98.31	94.46	94.94	97.06	*	99.82	98.49	97.45	98.52	98.54
14-15	99.58	98.46	95.29	95.67	97.47	*	100.00	98.99	98.36	99.22	99.12
15-16	99.79	99.08	96.31	97.05	98.22	*	******	99.24	98.93	99.39	99.38
16-17	99.93	99.31	96.86	97.51	98.55	*	******	99.38	99.34	99.56	99.55
17-18	99.93	99.46	97.88	98.25	98.98	*	******	99.75	99.42	99.65	99.70
18-19	99.93	99.46	98.15	98.71	99.14	*	******	99.67	99.67	99.74	99.81
19-20	100.00	99.54	99.26	98.80	99.45	*	******	99.92	99.92	100.00	99.96
20-21	******	99.62	99.45	98.90	99.53	*	******	99.92	99.92	******	99.96
21-22	******	99.62	99.72	98.99	99.61	*	******	99.92	99.92	******	99.96
22-23	******	99.77	99.72	99.45	99.76	*	******	100.00	99.92	******	99.98
23-24	******	100.00	99.82	99.54	99.86	*	******	******	99.92	******	99.98
24-25	******	******	99.82	99.91	99.94	*	******	******	99.92	******	99.98
25-26	******	******	99.91	99.91	99.96	*	******	******	99.92	******	99.98
26-27	******	******	100.00	99.91	99.98	*	******	******	99.92	******	99.98
27-28	******	******	******	99.91	99.98	*	******	******	100.00	******	100.00
28-29	******	******	******	100.00	100.00	*	******	******	******	******	******
NOBS	1433	1299	1083	1086	4901	*	1114	1159	1216	1149	4668

TABLE 2.5. (Concluded)

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF FEB.

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 22 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 4 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	47.45	48.82	40.27	30.79	42.25	*	76.66	60.44	44.77	44.81	56.46
1- 2	56.27	53.91	43.09	34.68	47.64	*	85.06	69.51	54.78	53.46	65.54
2- 3	62.07	57.65	46.92	39.27	52.19	*	89.83	76.68	63.09	61.18	72.57
3- 4	69.19	61.45	49.33	43.54	56.77	*	93.67	84.39	71.03	68.66	79.39
4- 5	72.97	63.96	51.16	45.68	59.41	*	95.85	87.98	74.91	72.41	82.75
5- 6	76.81	66.48	53.33	47.98	62.17	*	96.89	91.20	78.43	77.54	85.98
6- 7	80.53	68.63	56.57	52.02	65.47	*	97.51	92.01	81.77	81.18	88.07
7- 8	83.93	72.07	60.23	55.69	69.00	*	98.36	92.92	85.20	84.81	90.27
8- 9	87.40	75.02	64.23	60.50	72.77	*	98.65	94.01	87.73	87.59	91.94
9-10	89.48	77.32	67.72	64.40	75.65	*	98.96	94.97	90.34	90.16	93.55
10-11	90.93	78.89	71.05	68.22	78.11	*	99.27	95.55	91.25	91.98	94.45
11-12	93.19	83.70	73.96	72.96	81.75	*	99.48	96.37	92.96	93.80	95.69
12-13	95.15	86.22	77.04	76.46	84.94	*	99.59	97.01	94.13	95.51	96.50
13-14	96.91	89.23	81.78	83.19	88.38	*	99.59	97.64	95.58	97.01	97.40
14-15	97.67	91.39	84.36	86.17	90.42	*	99.69	98.28	97.02	97.97	98.20
15-16	98.36	93.75	86.52	89.99	92.61	*	100.00	98.64	97.83	98.50	98.71
16-17	98.74	95.12	88.60	91.60	93.90	*	******	99.09	98.29	98.72	98.98
17-18	99.37	97.05	92.35	94.96	96.19	*	******	99.27	98.83	98.97	99.25
18-19	99.43	97.56	93.93	96.49	97.05	*	******	99.46	99.10	99.14	99.42
19-20	99.50	98.78	95.34	97.71	97.98	*	******	99.64	99.55	99.25	99.61
20-21	99.75	99.14	96.34	98.17	98.47	*	******	99.77	99.82	99.47	99.76
21-22	99.81	99.50	97.25	98.62	98.89	*	******	99.82	100.00	99.47	99.83
22-23	99.81	99.64	98.42	98.85	99.24	*	******	99.91	******	99.57	99.88
23-24	99.81	99.64	99.17	99.01	99.44	*	******	99.91	******	99.68	99.90
24-25	99.94	99.78	99.42	99.31	99.64	*	******	100.00	******	100.00	100.00
25-26	99.94	100.00	99.75	99.69	99.85	*	******	******	******	******	******
26-27	100.00	******	99.75	99.85	99.91	*	******	******	******	******	******
27-28	******	******	99.83	99.92	99.95	*	******	******	******	******	******
28-29	******	******	99.92	99.92	99.96	*	******	******	******	******	******
29-30	******	******	100.00	99.92	99.98	*	******	******	******	******	******
30-31	******	******	******	99.92	99.98	*	******	******	******	******	******
31-32	******	******	******	100.00	100.00	*	******	******	******	******	******
NOBS	1587	1393	1202	1309	5491	*	964	1102	1108	935	4109

TABLE 2.6. EDWARDS AFB BIVARIATE NORMAL STATISTICS
(FEBRUARY, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 2/43 - 2/68
MONTH OF RECORD - 2
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	1.32	.26	3.29	2.46	2.57	.3180	597
1	2.02	-.16	5.83	3.61	11.21	.5053	610
2	1.21	-1.72	7.25	6.53	16.12	.3409	597
3	4.06	-3.15	7.81	8.51	13.81	.2078	557
4	6.65	-3.99	8.59	10.43	14.37	.1604	536
5	8.92	-4.24	10.20	12.24	17.91	.1436	508
6	10.76	-5.03	11.24	13.62	24.32	.1589	493
7	13.16	-5.70	12.53	14.94	33.74	.1602	445
8	15.68	-5.53	14.54	16.56	48.12	.1999	438
9	18.17	-5.48	16.18	17.72	71.27	.2487	436
10	20.62	-5.54	17.09	18.49	90.14	.2853	426
11	23.48	-5.60	17.69	17.14	71.30	.2351	423
12	25.79	-5.07	16.89	15.73	70.19	.2642	420
13	25.28	-5.05	14.71	13.88	57.17	.2801	414
14	23.31	-4.38	12.28	11.44	48.10	.3423	408
15	20.90	-3.93	10.56	9.48	27.08	.2705	394
16	18.31	-3.44	9.53	8.22	19.09	.2439	390
17	15.05	-3.00	8.27	7.18	15.26	.2570	371
18	11.40	-2.84	7.29	5.88	9.92	.2314	363
19	8.22	-2.70	6.74	4.76	8.37	.2612	360
20	5.73	-2.75	7.07	4.28	5.37	.1772	354
21	3.42	-2.53	7.16	4.00	5.08	.1774	348
22	1.95	-1.91	7.29	3.98	5.42	.1868	340
23	1.26	-1.95	8.06	3.62	6.53	.2237	335
24	1.04	-1.86	9.36	3.64	6.37	.1868	314
25	1.06	-1.60	10.21	3.68	5.99	.1595	306
26	1.90	-.89	11.66	3.89	10.35	.2283	294
27	2.47	-.71	12.95	4.02	21.60	.4147	272

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

ORIGINAL PAGE IS
OF POOR QUALITY

MARCH

PRECEDING PAGE BLANK NOT FILMED

TABLE 3.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF MARCH

RUNWAY 17 - 35

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	39.30	22.19	11.14	3.71	.88	.39	22.39	2046
03-05	35.97	18.82	10.07	3.47	.83	.10	30.74	2046
06-08	31.82	16.03	10.07	4.15	.83	.20	36.90	2046
09-11	21.90	17.60	15.59	8.21	2.49	.49	33.72	2046
12-14	22.34	23.17	17.99	11.97	3.52	1.42	19.60	2046
15-17	18.72	23.75	22.48	16.62	4.55	1.03	12.85	2046
18-20	21.51	35.39	23.75	7.77	1.21	.59	9.19	2046
21-23	36.61	26.74	14.66	5.47	.93	.39	15.20	2046
00-23	28.52	22.96	15.72	7.67	1.98	.57	22.57	16368

3.1A

RUNWAY 22 - 4

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	56.30	14.03	2.79	.73	.34	.15	25.66	2046
03-05	50.78	11.44	3.03	1.08	.10	.00	33.58	2046
06-08	45.11	11.83	2.93	.98	.29	.05	38.81	2046
09-11	39.05	15.49	6.60	2.10	.73	.00	36.02	2046
12-14	38.03	20.19	9.68	4.64	1.08	.24	26.15	2046
15-17	34.65	22.19	15.00	6.31	1.17	.34	20.63	2046
18-20	47.70	25.76	7.87	2.59	.49	.20	15.40	2046
21-23	57.92	17.60	4.25	1.32	.24	.10	18.57	2046
00-23	46.19	17.31	6.52	2.43	.56	.13	26.85	16368

3.1B

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	53.08	10.61	2.49	.59	.24	.10	32.89	2046
03-05	47.95	7.62	2.98	.98	.00	.00	40.47	2046
06-08	41.59	8.31	2.79	.73	.24	.00	46.33	2046
09-11	35.04	13.98	5.62	1.61	.54	.00	43.21	2046
12-14	36.90	18.38	8.75	3.76	1.03	.10	31.09	2046
15-17	35.48	21.07	14.61	6.79	.98	.05	23.02	2046
18-20	48.09	24.54	7.28	2.25	.34	.05	17.45	2046
21-23	56.11	13.39	4.11	.98	.15	.00	25.27	2046
00-23	44.28	14.74	6.08	1.96	.44	.04	32.47	16369

3.1C

PRECEDING PAGE BLANK NOT FILMED

TABLE 3.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF MARCH

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	11.97	3.27	.98	2046	41.50	24.10	4.25
03-05	15.74	3.03	.73	2046	34.12	20.72	3.32
06-08	15.59	3.52	.90	2046	27.91	20.19	4.40
09-11	21.11	6.84	2.88	2046	21.55	15.05	8.09
12-14	26.30	10.26	4.20	2046	23.36	10.85	12.22
15-17	25.37	9.92	3.86	2046	25.81	13.98	11.97
18-20	24.83	4.69	1.61	2046	35.43	20.63	6.99
21-23	15.84	3.42	1.27	2046	39.22	28.20	5.67
00-23	19.59	5.62	2.07	16368	30.99	19.21	7.23

3.2A

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	5.23	1.52	.54	2046	30.21	30.50	18.04
03-05	7.43	1.91	.68	2046	26.49	25.37	15.69
06-08	10.02	2.10	.64	2046	22.04	20.33	17.35
09-11	15.64	5.38	3.42	2046	10.85	12.61	28.05
12-14	15.00	10.02	4.55	2046	11.39	13.05	32.89
15-17	10.41	7.87	2.59	2046	12.27	17.06	40.18
18-20	8.70	3.47	.68	2046	17.64	31.13	32.01
21-23	7.48	1.61	.44	2046	26.64	32.80	23.61
00-23	9.99	4.23	1.69	16368	19.69	22.86	25.98

3.2B

TABLE 3.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 0 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.69	1.76	2.20	.73	.00	.15	1.91	11.44
5 TO 9	2.20	1.17	.29	.15	.00	.00	.00	3.81
10- UP	.00	.29	.29	.15	.00	.15	.15	1.03
TOTAL	6.89	3.23	2.79	1.03	.00	.29	2.05	16.28

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.42	12.02	4.99	2.49	.44	.00	6.60	42.96
5 TO 9	14.52	4.69	4.69	.59	.00	.00	.44	24.93
10- UP	.44	3.23	.59	.44	.00	.00	.00	4.69
TOTAL	31.38	19.94	10.26	3.52	.44	.00	7.04	72.58

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.67	.88	.00	.00	.00	.00	.59	5.13
5 TO 9	1.03	.44	.00	.00	.00	.00	.00	1.47
10- UP	.15	.29	.00	.15	.00	.00	.00	.59
TOTAL	4.84	1.61	.00	.15	.00	.00	.59	7.18

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.62	2.64	.88	.29	.15	.00	7.18	29.77
5 TO 9	23.31	4.69	.88	.15	.00	.15	2.35	31.52
10- UP	11.29	6.45	1.32	.29	.15	.00	.88	20.38
TOTAL	53.23	13.78	3.08	.73	.29	.15	10.41	81.67

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 1 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.28	1.76	1.47	.15	.44	.00	2.35	11.44
5 TO 9	2.35	.88	.00	.00	.15	.00	.29	3.67
10- UP	.00	.29	.44	.00	.15	.00	.00	.88
TOTAL	7.62	2.93	1.91	.15	.73	.00	2.64	15.98

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.86	12.90	4.84	2.05	.59	.29	5.28	42.82
5 TO 9	15.54	4.40	3.96	.44	.00	.00	.15	24.49
10- UP	.59	3.08	.15	.29	.00	.00	.00	4.11
TOTAL	32.99	20.38	8.94	2.79	.59	.29	5.43	71.41

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.11	.59	.00	.00	.00	.00	1.32	6.01
5 TO 9	1.76	.29	.00	.00	.00	.00	.15	2.20
10- UP	.15	.29	.00	.00	.00	.00	.00	.44
TOTAL	6.01	1.17	.00	.00	.00	.00	1.47	8.65

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.18	2.05	.44	.29	.00	.15	7.92	29.03
5 TO 9	24.93	4.99	.59	.00	.00	.00	1.91	32.40
10- UP	9.09	5.72	1.47	.44	.15	.00	.44	17.30
TOTAL	52.20	12.76	2.49	.73	.15	.15	10.26	78.74

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 3.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 2 NUMBER OBS. 682

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	7.04	2.05	1.03	.44	.15	.29	2.05	13.05
5 TO 9	.88	.44	.59	.15	.00	.15	.15	2.35
10- UP	.29	.15	.15	.44	.00	.00	.00	1.03
TOTAL	8.21	2.64	1.76	1.03	.15	.44	2.20	16.42

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	16.72	9.82	4.11	1.61	.73	.15	5.57	38.71
5 TO 9	14.22	4.25	3.52	.59	.00	.00	.29	22.87
10- UP	.00	3.77	.15	.44	.00	.00	.00	3.96
TOTAL	30.94	17.85	7.77	2.64	.73	.15	5.87	65.54

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	3.52	.44	.00	.00	.00	.00	.59	4.55
5 TO 9	.29	.29	.00	.00	.00	.00	.29	.88
10- UP	.15	.15	.15	.00	.00	.00	.15	.59
TOTAL	3.96	.88	.15	.00	.00	.00	1.03	6.01

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	20.23	2.05	.73	.29	.29	.00	8.21	31.82
5 TO 9	20.23	4.25	.88	.00	.00	.00	2.20	27.57
10- UP	8.21	5.57	1.03	.29	.29	.15	.88	16.42
TOTAL	48.68	11.88	2.64	.59	.59	.15	11.29	75.81

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 3 NUMBER OBS. 682

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	6.89	2.35	1.76	.59	.73	.00	2.79	15.10
5 TO 9	2.35	.29	.44	.29	.00	.00	.00	3.37
10- UP	.44	.15	.15	.00	.00	.00	.00	.73
TOTAL	9.68	2.79	2.35	.88	.73	.00	2.79	19.21

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	14.22	9.68	3.81	1.03	.73	.00	4.84	34.31
5 TO 9	10.12	6.16	5.13	.44	.00	.00	.88	22.73
10- UP	.00	2.49	.44	.59	.15	.00	.15	3.81
TOTAL	24.34	18.33	9.38	2.05	.88	.00	5.87	60.85

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	3.94	.88	.15	.00	.00	.00	1.17	6.16
5 TO 9	1.17	.44	.00	.00	.00	.00	.15	1.76
10- UP	.29	.15	.15	.00	.00	.00	.15	.73
TOTAL	5.47	1.47	.29	.00	.00	.00	1.47	8.65

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	17.16	1.47	.29	.15	.00	.00	8.21	27.27
5 TO 9	18.48	4.99	1.76	.00	.00	.00	1.76	26.98
10- UP	10.12	3.81	1.17	1.17	.00	.00	.88	17.16
TOTAL	45.75	10.26	3.23	1.32	.00	.00	10.85	71.41

TABLE 3.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 4 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	6.74	2.93	1.17	.59	.15	.00	2.64	14.22	16.42	8.50	4.40	2.20	.15	.15	3.96	35.78
5 TO 9	2.05	.29	.29	.29	.00	.00	.15	3.08	11.00	4.99	3.96	.29	.00	.15	.15	20.53
10- UP	.44	.15	.15	.00	.00	.00	.00	.73	.29	1.76	.15	.15	.15	.00	.00	2.49
TOTAL	9.24	3.37	1.61	.88	.15	.00	2.79	18.04	27.71	15.25	8.50	2.64	.29	.29	4.11	58.80

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	5.57	.88	.00	.00	.00	.00	.59	7.04	16.42	1.61	.29	.15	.00	.00	7.92	26.39
5 TO 9	1.47	.44	.00	.00	.00	.00	.29	2.20	17.16	3.81	.88	.29	.00	.00	1.91	24.05
10- UP	.29	.15	.15	.15	.00	.00	.00	.73	8.50	5.13	1.47	.44	.00	.00	.59	16.13
TOTAL	7.33	1.47	.15	.15	.00	.00	.88	9.97	42.08	10.56	2.64	.88	.00	.00	10.41	66.57

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 5 NUMBER OBS. 692

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	10.26	1.03	1.61	1.17	.29	.00	3.52	17.89	13.20	8.21	3.37	1.76	.15	.00	5.57	32.26
5 TO 9	2.20	.00	.29	.15	.00	.00	.00	2.64	10.70	4.69	3.08	.15	.00	.00	.29	18.91
10- UP	.15	.29	.00	.29	.00	.00	.00	.73	.59	2.64	.00	.44	.00	.00	.00	3.67
TOTAL	12.61	1.32	1.91	1.61	.29	.00	3.52	21.26	24.49	15.54	6.45	2.35	.15	.00	5.87	54.84

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	6.89	.73	.00	.00	.00	.00	1.47	9.09	18.48	1.47	.15	.00	.29	.00	5.43	25.81
5 TO 9	1.17	.29	.00	.15	.00	.00	.15	1.76	17.30	4.25	1.03	.15	.00	.00	2.35	25.07
10- UP	.15	.29	.15	.00	.00	.00	.00	.59	7.77	3.52	1.47	.59	.00	.00	.44	13.78
TOTAL	8.21	1.32	.15	.15	.00	.00	1.61	11.44	43.55	9.24	2.64	.73	.29	.00	8.21	64.66

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 3.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 6 NUMBER OBS. 6P2

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	9.53	1.61	1.76	.88	.00	.00	4.11	17.89	*	13.05	7.48	4.11	1.17	.15	.15	3.96	30.06
5 TO 9	1.91	.59	.44	.15	.00	.00	.00	3.08	*	10.56	5.57	3.67	.59	.15	.00	.59	21.11
10- UP	.15	.15	.29	.15	.00	.00	.00	.73	*	.15	1.91	.00	.29	.00	.00	.00	2.35
TOTAL	11.59	2.35	2.49	1.17	.00	.00	4.11	21.70	*	23.75	14.96	7.77	2.05	.29	.15	4.55	53.52

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	6.89	1.03	.15	.00	.00	.00	1.47	9.53	*	16.57	1.76	.29	.29	.15	.00	7.19	26.25
5 TO 9	.59	.44	.00	.00	.00	.00	.44	1.47	*	16.28	3.37	1.03	.15	.00	.00	2.05	22.87
10- UP	.29	.29	.00	.00	.00	.00	.15	.73	*	8.06	4.11	1.32	.15	.00	.00	.59	14.22
TOTAL	7.77	1.76	.15	.00	.00	.00	2.05	11.73	*	40.91	9.24	2.64	.59	.15	.00	9.82	63.34

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 7 NUMBER OBS. 6P2

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	7.33	1.32	.59	1.17	.15	.15	4.11	14.81	*	11.29	6.16	3.37	2.20	.15	.15	5.43	28.74
5 TO 9	2.05	.44	.44	.00	.00	.00	.29	3.23	*	10.85	3.96	3.52	.15	.00	.00	.29	19.77
10- UP	.29	.00	.44	.15	.15	.00	.00	1.03	*	.15	3.08	.73	.59	.00	.00	.00	4.55
TOTAL	9.68	1.76	1.47	1.32	.29	.15	4.40	19.06	*	22.29	13.20	7.62	2.93	.15	.15	5.72	52.05

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	7.18	.59	.00	.00	.00	.00	1.76	9.53	*	13.20	1.61	.44	.59	.00	.00	7.33	23.17
5 TO 9	.59	.88	.15	.00	.00	.00	.15	1.76	*	15.54	3.23	.44	.00	.15	.00	.73	20.09
10- UP	.00	.00	.15	.00	.00	.00	.15	.29	*	8.06	4.99	1.61	.59	.15	.00	.88	16.28
TOTAL	7.77	1.47	.29	.00	.00	.00	2.05	11.58	*	36.80	9.82	2.49	1.17	.29	.00	8.94	59.53

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 3.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 8 NUMBER OBS. 692

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL *
	PERCENTAGES							
1 TO 4	4.24	1.17	1.61	.88	.88	.00	4.69	14.08 *
5 TO 9	2.64	.88	.44	.00	.15	.15	.00	4.25 *
10- UP	.44	.29	.29	.00	.15	.00	.00	1.17 *
TOTAL	7.92	2.35	2.35	.88	1.17	.15	4.69	19.50 *

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL *
	PERCENTAGES							
1 TO 4	10.26	4.69	3.23	1.61	.59	.00	4.55	24.93 *
5 TO 9	9.68	4.11	5.13	1.61	.00	.00	.15	20.67 *
10- UP	.44	4.69	.29	.88	.00	.00	.00	6.30 *
TOTAL	20.38	13.49	8.65	4.11	.59	.00	4.69	51.91 *

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL *
	PERCENTAGES							
1 TO 4	3.50	.15	.00	.00	.00	.15	2.20	11.00 *
5 TO 9	1.76	.88	.00	.00	.00	.00	.44	3.08 *
10- UP	.15	.44	.00	.15	.00	.00	.15	.88 *
TOTAL	10.41	1.47	.00	.15	.00	.15	2.79	14.96 *

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL *
	PERCENTAGES							
1 TO 4	8.65	1.47	.73	.00	.00	.00	5.87	16.72 *
5 TO 9	11.58	3.96	.88	.00	.15	.00	1.47	18.04 *
10- UP	11.44	6.30	1.61	1.03	.29	.00	.88	21.55 *
TOTAL	31.67	11.73	3.23	1.03	.44	.00	8.21	56.30 *

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 9 NUMBER OBS. 692

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL *
	PERCENTAGES							
1 TO 4	6.89	1.76	2.79	2.35	.73	.44	5.13	20.09 *
5 TO 9	1.32	1.03	.59	.44	.15	.15	.59	4.25 *
10- UP	1.03	.44	.29	.44	.00	.00	.00	2.20 *
TOTAL	9.24	3.23	3.67	3.23	.88	.59	5.72	26.54 *

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL *
	PERCENTAGES							
1 TO 4	6.16	3.08	3.23	2.79	.59	.00	4.99	20.82 *
5 TO 9	6.16	4.40	5.28	1.17	.00	.00	.29	17.30 *
10- UP	.59	4.69	1.47	.73	.15	.00	.00	7.62 *
TOTAL	12.90	12.17	9.97	4.69	.73	.00	5.28	45.75 *

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL *
	PERCENTAGES							
1 TO 4	9.38	.44	.15	.44	.00	.00	3.23	13.64 *
5 TO 9	1.47	.59	.59	.00	.00	.00	.73	3.37 *
10- UP	.15	.59	.44	.15	.00	.00	.59	1.91 *
TOTAL	11.00	1.61	1.17	.59	.00	.00	4.55	18.91 *

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL *
	PERCENTAGES							
1 TO 4	8.06	1.32	.29	.15	.00	.00	3.23	13.05 *
5 TO 9	7.92	3.37	1.76	.15	.00	.00	.73	13.93 *
10- UP	12.02	7.16	3.23	1.17	.73	.00	1.61	25.95 *
TOTAL	28.01	11.88	5.28	1.47	.73	.00	5.57	52.93 *

TABLE 3.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 10 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.18	2.05	2.79	1.91	1.17	.15	4.99	20.23
5 TO 9	2.79	1.47	.88	.44	.15	.15	.00	5.87
10- UP	1.03	.73	1.03	.15	.00	.00	.29	3.23
TOTAL	11.00	4.25	4.69	2.49	1.32	.29	5.28	29.33

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.04	2.93	4.55	2.93	1.32	.15	3.67	22.58
5 TO 9	3.81	3.81	4.11	1.91	.29	.00	.15	14.08
10- UP	.29	6.01	1.47	1.17	.44	.00	.00	9.38
TOTAL	11.14	12.76	10.12	6.01	2.05	.15	3.81	46.04

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.50	.73	.29	.15	.15	.00	4.84	14.66
5 TO 9	2.79	.88	.15	.00	.00	.00	1.17	4.99
10- UP	.73	1.47	.44	.15	.00	.00	1.03	3.81
TOTAL	12.02	3.08	.88	.29	.15	.00	7.04	23.46

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.60	.59	.44	.29	.15	.00	2.64	10.70
5 TO 9	6.30	3.52	.88	.29	.00	.00	.88	11.88
10- UP	12.90	9.53	3.52	1.32	.44	.00	1.32	29.03
TOTAL	25.81	13.64	4.84	1.91	.59	.00	4.84	51.61

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 11 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.19	3.08	2.93	2.20	.73	.00	6.89	23.02
5 TO 9	4.11	3.96	1.17	.59	.15	.29	.15	10.41
10- UP	.88	.88	1.03	.44	.00	.00	.00	3.23
TOTAL	12.17	7.92	5.13	3.23	.88	.29	7.04	36.66

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.16	4.55	4.84	2.64	1.03	.15	1.91	21.26
5 TO 9	3.67	2.79	6.01	1.32	.00	.00	.00	13.78
10- UP	.29	5.57	2.49	1.03	.59	.00	.00	9.97
TOTAL	10.12	12.90	13.34	4.99	1.61	.15	1.91	65.01

RUNWAY 22

TAILWIND LIMITS	*** CROSSWI[illegible]ITS *** 1 TO 4	5 TO 9	10TO[illegible]	[illegible]19	20TO24	25- UP	ZERO CROSS	TOTAL
	PER[illegible]AGES							
1 TO 4	12.32	.59	.88	.15	.29	.00	4.40	18.62
5 TO 9	3.67	1.32	.15	.00	.00	.00	2.64	7.77
10- UP	1.17	1.03	.44	.00	.00	.00	1.91	4.55
TOTAL	17.16	2.93	1.47	.15	.29	.00	8.94	30.94

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.67	1.47	.44	.44	.00	.00	2.79	8.80
5 TO 9	6.01	3.08	1.76	.29	.00	.00	.88	12.02
10- UP	13.49	8.80	3.96	1.17	.44	.00	1.32	29.18
TOTAL	23.17	13.34	6.16	1.91	.44	.00	4.99	50.00

TABLE 3.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 12 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	10.70	4.99	3.52	2.49	.88	.29	4.25	27.13	5.57	4.40	4.25	3.23	1.17	.59	2.64	21.85
5 TO 9	3.96	3.81	1.91	.59	.00	.29	.00	10.56	3.08	2.20	4.40	1.03	.00	.00	.00	10.70
10- UP	.89	1.61	1.17	.88	.00	.00	.15	4.69	.00	5.43	3.52	2.05	.15	.00	.00	11.14
TOTAL	15.54	10.41	6.60	3.96	.88	.59	4.40	42.38	8.65	12.02	12.17	6.30	1.32	.59	2.64	43.70

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	9.09	1.03	.44	.00	.00	.00	6.01	16.57	5.13	1.47	1.32	1.03	.29	.15	2.93	12.32
5 TO 9	4.99	1.17	.59	.00	.00	.00	3.23	9.97	6.01	3.52	2.35	.44	.00	.00	.44	12.76
10- UP	1.91	1.03	.29	.00	.00	.00	1.61	4.84	12.32	9.09	3.37	2.49	.59	.00	1.47	29.33
TOTAL	15.98	3.23	1.32	.00	.00	.00	10.85	31.38	23.46	14.08	7.04	3.96	.88	.15	4.84	54.40

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 13 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	8.36	4.99	3.96	4.55	1.03	.44	4.11	27.42	5.43	7.04	4.84	3.08	1.17	.59	2.05	24.19
5 TO 9	3.08	3.08	1.76	.44	.29	.29	.00	8.94	3.52	2.35	2.49	2.05	.00	.00	.15	10.56
10- UP	1.03	.73	1.32	.29	.29	.00	.15	3.81	1.03	5.57	2.49	2.35	.73	.00	.00	12.17
TOTAL	12.46	8.80	7.04	5.28	1.61	.73	4.25	40.18	9.97	14.96	9.82	7.48	1.91	.59	2.20	46.92

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	9.97	1.91	.29	.00	.00	.00	3.67	15.84	3.96	1.17	1.17	.88	.15	.15	1.76	9.24
5 TO 9	4.69	1.91	.44	.00	.00	.00	3.23	10.26	6.45	4.40	2.35	.15	.15	.00	.44	13.93
10- UP	1.32	1.47	.29	.15	.00	.00	1.61	4.84	11.00	10.26	5.28	3.23	1.03	.00	1.91	32.70
TOTAL	15.98	5.28	1.03	.15	.00	.00	8.50	30.94	21.41	15.84	8.80	4.25	1.32	.15	4.11	55.87

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 3.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 14 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.1	4.40	3.67	3.81	1.76	.73	2.79	24.34
5 TO 9	3.37	4.55	1.76	.59	.59	.00	.44	11.29
10- UP	.59	1.17	1.61	.15	.29	.29	.00	4.11
TOTAL	11.14	10.12	7.04	4.55	2.64	1.03	3.23	39.74

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.72	5.13	3.96	4.25	1.91	.59	2.49	24.05
5 TO 9	3.23	2.20	4.11	1.47	.00	.15	.15	11.29
10- UP	.73	6.16	3.37	2.64	.29	.00	.15	13.34
TOTAL	9.68	13.49	11.44	8.36	2.20	.73	2.79	48.68

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.21	1.32	.73	.15	.00	.00	2.20	12.61
5 TO 9	4.40	2.49	.00	.00	.00	.00	2.93	9.82
10- UP	1.03	.88	.29	.00	.00	.00	1.76	3.96
TOTAL	13.64	4.69	1.03	.15	.00	.00	6.89	26.39

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.16	1.76	1.61	1.17	.00	.15	1.76	12.61
5 TO 9	5.87	4.69	1.17	.59	.00	.00	.15	12.46
10- UP	11.58	11.00	7.04	3.67	1.03	.29	2.05	36.66
TOTAL	23.61	17.45	9.82	5.43	1.03	.44	3.96	61.73

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 15 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.48	3.96	5.57	5.13	1.91	.29	1.32	25.66
5 TO 9	3.67	4.25	.73	.88	.59	.15	.00	10.26
10- UP	.29	1.32	1.32	.73	.00	.15	.00	3.81
TOTAL	11.44	9.53	7.62	6.74	2.49	.59	1.32	39.74

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.60	6.30	4.69	4.11	2.20	.44	1.61	25.95
5 TO 9	3.23	3.08	4.25	1.61	.15	.15	.00	12.46
10- UP	1.03	4.99	3.67	2.49	.59	.00	.00	12.76
TOTAL	10.85	14.37	12.61	8.21	2.93	.59	1.61	51.17

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.48	1.76	.73	.00	.00	.00	2.79	12.76
5 TO 9	4.25	1.91	.15	.00	.00	.00	2.64	8.94
10- UP	.73	1.03	.29	.00	.00	.00	.88	2.93
TOTAL	12.46	4.69	1.17	.00	.00	.00	6.30	24.63

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.69	1.51	.73	1.47	.00	.29	2.05	10.85
5 TO 9	6.89	4.69	3.67	.59	.15	.00	1.03	17.01
10- UP	10.70	12.17	7.18	4.69	.88	.15	2.35	38.12
TOTAL	22.29	18.48	11.58	6.74	1.03	.44	5.43	65.98

TABLE 3.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 16 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.28	4.25	5.72	5.57	2.05	.59	1.91	25.37
5 TO 9	2.49	3.96	1.91	.88	.15	.15	.15	9.68
10- P	.15	1.03	2.05	.88	.44	.00	.00	4.55
TOTAL	7.92	9.24	9.68	7.33	2.64	.73	2.05	39.59

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.16	4.99	4.40	5.28	1.61	.73	1.47	24.63
5 TO 9	2.49	2.93	5.43	3.08	.00	.00	.44	14.37
10- P	1.17	5.28	2.64	2.35	.29	.00	.00	11.73
TOTAL	9.82	13.20	12.46	10.70	1.91	.73	1.91	50.73

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.28	1.61	.44	.00	.00	.00	2.49	9.82
5 TO 9	3.52	.88	.29	.00	.00	.00	2.64	7.33
10- UP	.73	.88	.15	.00	.00	.00	1.03	2.79
TOTAL	9.53	3.37	.88	.00	.00	.00	6.16	19.94

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.99	1.41	2.20	1.91	.29	.00	2.35	13.34
5 TO 9	5.57	3.67	3.96	1.03	.59	.15	.73	15.69
10- UP	14.08	10.85	8.80	3.96	.88	.00	2.05	40.62
TOTAL	24.63	16.13	14.96	6.89	1.76	.15	5.13	69.65

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 17 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.84	5.13	6.16	6.30	1.32	.44	.88	25.07
5 TO 9	2.93	3.67	2.35	.73	.00	.00	.15	9.82
10- UP	.15	.88	1.32	.59	.29	.00	.00	3.23
TOTAL	7.92	9.68	9.82	7.62	1.61	.44	1.03	38.12

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.13	7.48	5.72	4.84	1.91	.00	1.76	26.83
5 TO 9	2.35	2.49	7.33	2.93	.00	.00	.00	15.10
10- UP	1.03	5.72	2.79	1.76	.15	.00	.00	11.44
TOTAL	8.50	15.69	15.84	9.53	2.05	.00	1.76	53.37

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.40	1.76	.44	.00	.00	.15	1.91	8.65
5 TO 9	3.52	1.47	.15	.15	.00	.00	2.05	7.33
10- UP	.73	.44	.15	.00	.00	.00	.73	2.05
TOTAL	8.65	3.67	.73	.15	.00	.15	4.69	18.04

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.67	1.61	2.79	1.47	.15	.29	2.64	12.61
5 TO 9	7.48	5.87	4.11	.73	.15	.00	.15	18.48
10- UP	15.25	12.76	8.80	2.05	.44	.00	2.49	41.79
TOTAL	26.39	20.23	15.69	4.25	.73	.29	5.28	72.87

TABLE 3.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 18 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.01	8.94	8.50	3.23	1.47	.29	1.17	29.62
5 TO 9	.59	2.64	1.61	.88	.00	.00	.00	5.72
10- UP	.15	.29	1.03	.88	.15	.00	.00	2.49
TOTAL	6.74	11.88	11.14	4.99	1.61	.29	1.17	37.83

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.28	9.09	8.21	3.81	.59	.29	1.32	28.59
5 TO 9	3.09	4.40	8.80	1.76	.00	.00	.15	18.18
10- UP	.73	5.43	1.17	.44	.00	.00	.00	7.77
TOTAL	9.09	18.91	13.18	6.01	.59	.29	1.47	54.55

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.87	1.03	.15	.15	.00	.00	1.91	9.09
5 TO 9	2.64	.88	.00	.00	.00	.00	.88	4.40
10- UP	.59	.29	.15	.00	.00	.00	.44	1.47
TOTAL	9.09	2.20	.29	.15	.00	.00	3.23	14.96

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.40	3.08	2.20	.88	.44	.15	2.49	13.64
5 TO 9	10.41	10.12	5.13	.88	.00	.15	.73	27.42
10- UP	15.84	11.29	4.11	2.64	.29	.00	1.47	35.63
TOTAL	30.65	24.49	11.44	4.40	.73	.29	4.69	76.69

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 19 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.77	9.82	5.57	1.61	.29	.00	1.03	26.10
5 TO 9	.73	2.05	.44	.29	.15	.15	.00	3.81
10- UP	.15	.15	.15	.15	.29	.00	.00	.88
TOTAL	8.65	12.02	6.16	2.05	.73	.15	1.03	30.79

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.80	14.42	8.65	2.64	1.32	.29	.88	39.00
5 TO 9	3.94	5.87	5.36	.59	.00	.15	.15	19.06
10- UP	.59	4.55	1.17	.59	.00	.00	.00	6.89
TOTAL	13.34	24.83	18.18	3.81	1.32	.44	1.03	64.96

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.72	1.47	.15	.00	.00	.00	1.32	8.65
5 TO 9	1.32	.73	.00	.00	.00	.00	1.03	3.08
10- UP	.00	.15	.00	.00	.00	.00	.00	.15
TOTAL	7.04	2.35	.15	.00	.00	.00	2.35	11.88

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.82	5.28	1.17	.15	.15	.15	3.23	19.94
5 TO 9	17.16	8.50	3.08	.29	.15	.00	2.05	31.23
10- UP	15.10	11.00	2.93	1.32	.00	.15	1.47	31.96
TOTAL	42.08	24.78	7.18	1.76	.29	.29	6.74	83.14

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 3.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 20 NUMBER OBS. 692

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.45	5.74	2.20	1.47	.44	.00	1.47	19.77
5 TO 9	1.32	2.20	.44	.29	.00	.15	.15	4.55
10- UP	.29	.44	.44	.15	.15	.00	.00	1.47
TOTAL	8.06	9.38	3.08	1.91	.59	.15	1.61	24.78

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.85	15.40	7.19	2.64	.15	.44	2.05	38.71
5 TO 9	8.06	8.06	7.04	1.03	.29	.00	.15	24.63
10- UP	.15	4.55	.59	.88	.15	.00	.00	6.30
TOTAL	19.06	28.01	14.81	4.55	.59	.44	2.20	69.65

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.72	.88	.00	.29	.00	.00	1.47	8.36
5 TO 9	1.61	.44	.15	.00	.00	.00	.73	2.93
10- UP	.00	.44	.00	.00	.00	.00	.00	.44
TOTAL	7.33	1.76	.15	.29	.00	.00	2.20	11.73

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.97	4.40	.73	.29	.15	.00	3.81	19.35
5 TO 9	21.85	8.21	1.17	.15	.15	.00	3.23	34.75
10- UP	15.10	9.09	2.49	.73	.15	.00	.88	28.45
TOTAL	46.92	21.70	4.40	1.17	.44	.00	7.92	82.55

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 21 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.57	4.55	1.61	.88	.44	.00	2.93	15.98
5 TO 9	1.91	1.47	.73	.00	.15	.00	.59	4.84
10- UP	.15	.15	.44	.29	.00	.00	.00	1.03
TOTAL	7.62	6.16	2.79	1.17	.59	.00	3.52	21.85

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.00	14.66	6.16	2.35	.44	.29	2.64	37.54
5 TO 9	12.76	5.87	6.16	.59	.00	.15	.88	26.39
10- UP	.77	4.99	.59	.44	.00	.00	.00	6.74
TOTAL	24.49	25.51	12.90	3.37	.44	.44	3.52	70.67

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.30	1.03	.00	.00	.00	.00	1.03	8.36
5 TO 9	1.17	.44	.15	.00	.00	.00	.59	2.35
10- UP	.00	.00	.15	.00	.00	.00	.15	.29
TOTAL	7.48	1.47	.29	.00	.00	.00	1.76	11.00

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.34	3.52	.73	.29	.15	.15	3.81	21.99
5 TO 9	24.19	7.18	.73	.29	.00	.00	2.05	34.46
10- UP	12.46	7.92	1.76	.88	.29	.00	1.61	24.93
TOTAL	50.00	18.62	3.27	1.47	.44	.15	7.48	81.38

TABLE 3.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 22 NUMBER OBS. 6*2

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	7.33	4.11	1.76	1.91	.29	.15	2.49	18.04	2.17	11.88	4.99	2.35	.59	.44	4.55	36.95
5 TO 9	1.91	.44	.15	.15	.00	.00	.00	2.64	1.84	5.28	6.60	.88	.00	.00	.59	29.18
10- UP	.15	.15	.59	.59	.00	.00	.29	1.76	.73	3.67	.73	.29	.00	.00	.00	5.43
TOTAL	9.38	4.69	2.49	2.64	.29	.15	2.79	22.43	26.74	20.82	12.32	3.52	.59	.44	5.13	71.55

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	5.57	.88	.15	.00	.00	.00	.88	7.48	15.84	3.37	.29	.73	.15	.15	6.45	26.98
5 TO 9	1.17	.59	.00	.00	.00	.00	.29	2.05	24.19	5.57	1.03	.15	.00	.00	2.35	33.28
10- UP	.00	.00	.15	.15	.00	.00	.15	.44	12.46	6.90	2.79	.59	.15	.00	1.47	23.75
TOTAL	6.74	1.47	.29	.15	.00	.00	1.32	9.97	52.49	15.25	4.11	1.47	.29	.15	10.26	84.02

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MARCH

HOUR 23 NUMBER OBS. 6*2

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	5.43	1.91	2.35	1.32	.44	.00	2.05	13.49	16.42	11.00	4.40	2.05	.44	.15	5.72	40.18
5 TO 9	1.61	.29	.44	.15	.00	.00	.29	2.79	15.40	6.74	5.72	.88	.00	.00	.29	29.03
10- UP	.44	.00	.29	.29	.00	.00	.00	1.03	.44	3.08	.29	1.03	.00	.00	.00	4.84
TOTAL	7.48	2.20	3.08	1.76	.44	.00	2.35	17.30	32.26	20.82	10.41	3.96	.44	.15	6.01	74.05

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	3.81	1.76	.00	.15	.00	.00	.88	6.60	19.50	2.93	.59	.29	.00	.00	7.62	30.94
5 TO 9	.15	.15	.00	.00	.00	.00	.15	.44	21.99	4.55	1.91	.00	.00	.00	2.20	30.65
10- UP	.00	.15	.29	.00	.00	.00	.15	.59	11.58	6.45	2.05	.44	.00	.00	1.61	22.14
TOTAL	3.96	2.05	.29	.15	.00	.00	1.17	7.62	53.08	13.93	4.55	.73	.00	.00	11.44	83.72

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 3.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF MARCH

*** RUNWAY 17 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	14.68	7.83	6.85	9.35	42.17
03-05	17.67	9.25	8.42	11.50	43.11
06-08	17.13	9.35	7.78	11.72	38.69
09-11	20.02	12.68	7.34	16.33	23.81
12-14	21.15	10.13	11.01	17.11	27.01
15-17	17.33	8.32	9.01	13.67	23.03
18-20	19.62	7.24	12.58	10.50	40.54
21-23	14.44	6.31	8.13	7.93	39.81
00-23	17.78	8.89	8.89	12.22	32.62

*** RUNWAY 35 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	20.36	8.22	12.14	27.32	17.37
03-05	19.87	8.71	11.16	20.79	19.21
06-08	16.59	7.00	9.59	14.71	18.30
09-11	17.23	8.27	8.96	15.18	19.68
12-14	21.29	11.89	9.40	22.19	20.25
15-17	18.31	9.74	8.57	20.20	16.54
18-20	20.66	13.02	7.64	35.33	12.09
21-23	16.84	8.71	8.13	31.34	11.25
00-23	18.89	9.45	9.45	22.19	16.45

3.4A

*** RUNWAY 22 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	5.38	2.94	2.45	3.17	33.56
03-05	9.54	5.29	4.26	5.88	42.44
06-08	10.08	6.22	3.87	7.13	30.27
09-11	13.51	8.86	4.65	11.72	19.04
12-14	11.16	4.45	6.71	6.33	22.64
15-17	6.75	1.76	4.99	2.23	23.89
18-20	5.38	2.01	3.38	2.30	26.34
21-23	6.31	2.55	3.77	2.81	40.10
00-23	8.52	4.26	4.26	5.06	26.77

*** RUNWAY 4 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	14.78	5.68	9.10	26.79	11.55
03-05	17.96	7.64	10.33	23.49	15.30
06-08	13.80	5.19	8.61	12.86	14.44
09-11	8.47	4.45	4.01	9.18	7.79
12-14	9.54	6.71	2.84	15.69	4.96
15-17	7.29	5.43	1.86	17.79	2.68
18-20	8.66	5.14	3.52	26.79	4.36
21-23	11.70	5.87	5.82	34.88	7.00
00-23	11.53	5.76	5.76	18.31	8.41

TABLE 3.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF MARCH

*** RUNWAY 17 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	8.12	1.11	.12	9.35
03-05	10.28	.97	.24	11.50
06-08	9.01	2.21	.49	11.70
09-11	13.94	3.68	.71	18.33
12-14	12.23	4.05	.83	17.11
15-17	11.01	1.61	1.05	13.67
18-20	9.08	1.14	.28	10.50
21-23	6.70	.92	.31	7.93
00-23	9.87	1.88	.47	12.22

*** RUNWAY 35 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	21.14	5.37	.81	27.32
03-05	15.89	3.50	1.40	20.79
06-08	11.11	2.98	.62	14.71
09-11	12.49	2.25	.45	15.18
12-14	17.35	4.29	.55	22.19
15-17	15.84	3.45	.91	20.20
18-20	24.83	9.03	1.46	35.33
21-23	23.06	7.75	.53	31.34
00-23	16.92	4.46	.82	22.19

3.4B

*** RUNWAY 22 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	2.85	.26	.05	3.17
03-05	5.17	.65	.05	5.88
06-08	5.84	1.23	.06	7.13
09-11	8.81	2.66	.26	11.72
12-14	4.52	1.53	.28	6.33
15-17	1.73	.37	.12	2.23
18-20	1.68	.56	.06	2.30
21-23	2.11	.65	.05	2.81
00-23	4.01	.95	.11	5.06

*** RUNWAY 4 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	19.86	6.00	.92	26.79
03-05	18.07	4.37	1.05	23.49
06-08	10.19	2.31	.36	12.86
09-11	6.66	1.41	1.11	9.18
12-14	9.28	5.04	1.37	15.69
15-17	9.46	6.89	1.44	17.79
18-20	18.88	7.40	.51	26.79
21-23	28.27	5.52	1.16	34.88
00-23	12.96	4.33	1.01	18.31

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 3.5. EDWARDS AFB HEADWIND COMPONENT CUMULATIVE PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF MARCH

RUNWAY COMPONENT CLASS (KNOTS)	* * RUNWAY [illegible]					*	*** RUNWAY 35 ***				
	HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	HOURS 06-09 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	40.37	40.00	29.71	22.57	33.90	*	63.37	48.07	29.56	23.81	41.03
1- 2	48.75	46.43	39.27	31.89	42.02	*	72.84	57.77	41.61	35.56	51.78
2- 3	56.88	55.62	49.09	43.29	51.77	*	83.48	68.10	53.56	51.06	63.36
3- 4	63.73	61.63	57.43	53.57	59.51	*	87.86	77.72	66.06	65.96	74.23
4- 5	69.30	65.23	61.06	57.25	63.74	*	90.53	82.12	73.08	71.63	79.22
5- 6	75.35	69.96	64.69	61.85	68.57	*	93.52	86.61	79.74	77.51	84.26
6- 7	82.81	75.97	68.65	66.59	74.27	*	95.06	89.94	84.22	83.29	88.05
7- 8	87.40	80.00	72.85	71.24	78.65	*	96.30	91.29	86.86	86.63	90.19
8- 9	91.80	83.46	76.49	75.90	82.69	*	97.12	93.71	90.24	89.26	92.54
9-10	94.50	87.00	79.37	80.12	86.04	*	97.94	94.70	92.15	92.00	94.15
10-11	96.21	89.54	83.25	84.27	88.89	*	98.15	95.42	94.80	94.33	95.63
11-12	97.06	91.02	85.56	86.02	90.42	*	98.66	95.96	96.62	95.95	96.76
12-13	98.65	93.92	89.27	89.16	93.27	*	99.07	97.04	97.72	97.97	97.91
13-14	98.96	95.62	90.84	91.16	94.55	*	99.18	97.57	98.36	98.48	98.37
14-15	99.27	96.25	92.24	92.29	95.37	*	99.38	97.84	98.63	98.89	98.66
15-16	99.51	97.74	93.81	94.06	96.57	*	99.38	98.11	99.00	99.09	98.87
16-17	99.63	98.02	95.25	95.42	97.29	*	99.49	98.20	99.36	99.39	99.09
17-18	99.82	98.73	96.37	96.95	98.13	*	99.59	98.47	99.54	99.80	99.33
18-19	99.94	99.15	96.86	97.51	98.51	*	99.79	98.92	99.64	99.80	99.52
19-20	100.00	99.93	98.35	98.63	99.31	*	99.90	99.64	99.73	99.80	99.76
20-21	******	100.00	98.68	99.04	99.49	*	99.90	99.73	99.73	99.90	99.81
21-22	******	******	99.34	99.28	99.69	*	99.90	99.73	99.82	99.90	99.83
22-23	******	******	99.67	99.68	99.85	*	100.00	99.82	99.82	100.00	99.90
23-24	******	******	100.00	99.92	99.98	*	******	99.91	99.91	******	99.95
24-25	******	******	******	99.92	99.98	*	******	100.00	99.91	******	99.98
25-26	******	******	******	100.00	100.00	*	******	******	100.00	******	100.00
NOBS	1635	1415	1212	1245	5507	*	972	1113	1096	987	4168

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 3.5. (Concluded)

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF MARCH

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 22 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 4 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	35.29	24.35	21.17	13.47	26.35	*	73.06	54.13	33.10	35.26	49.74
1- 2	40.95	38.36	24.36	17.42	30.62	*	80.34	63.10	41.81	41.19	57.65
2- 3	46.89	41.03	29.35	22.36	35.30	*	86.17	70.56	51.78	50.80	65.77
3- 4	52.16	43.64	32.48	24.95	38.62	*	90.66	77.67	59.34	58.97	72.53
4- 5	56.81	4[illegible]	34.77	27.67	41.89	*	93.20	81.35	65.86	65.71	77.42
5- 6	61.74	48.77	37.96	31.62	45.61	*	95.15	84.58	71.13	72.92	81.47
6- 7	66.39	51.75	41.08	36.20	49.49	*	96.60	87.10	77.32	77.56	85.09
7- 8	70.81	55.39	44.69	40.15	53.45	*	97.57	89.42	83.51	83.49	88.77
8- 9	74.79	5[illegible].47	49.13	44.78	57.59	*	98.06	90.63	86.37	86.54	90.58
9-10	80.11	62.27	53.30	49.23	62.07	*	98.42	92.94	89.35	91.51	93.09
10-11	82.86	66.6[illegible]	56.21	54.42	65.72	*	98.67	94.46	91.07	93.43	94.42
11-12	86.61	73.49	62.53	61.09	71.54	*	99.03	95.26	94.27	95.03	95.89
12-13	89.41	77.10	68.22	66.34	75.81	*	99.03	95.77	95.07	96.96	96.62
13-14	92.77	82.08	73.35	72.02	80.55	*	99.27	96.89	97.14	97.60	97.68
14-15	94.73	85.45	77.03	76.65	83.91	*	99.51	97.88	97.82	98.08	98.31
15-16	96.08	88.94	80.92	81.10	87.14	*	99.64	98.79	98.74	98.72	98.97
16-17	96.97	91.97	84.11	84.74	89.55	*	99.76	98.89	98.97	99.04	99.15
17-18	98.15	94.31	88.90	89.87	93.04	*	99.89	98.99	99.20	99.20	99.31
18-19	98.66	95.99	91.46	92.77	94.90	*	100.00	99.09	99.20	99.84	99.49
19-20	99.22	97.48	94.03	95.06	96.57	*	******	99.29	99.43	99.84	99.61
20-21	99.61	98.19	95.21	96.66	97.53	*	******	99.40	99.66	99.84	99.70
21-22	99.78	98.97	96.53	97.90	98.37	*	******	99.60	99.77	99.84	99.79
22-23	99.94	99.29	98.13	98.52	99.01	*	******	99.70	99.77	100.00	99.85
23-24	99.94	99.68	99.10	99.07	99.47	*	******	99.80	99.89	******	99.91
24-25	100.00	99.81	99.65	99.69	99.80	*	******	99.80	99.89	******	99.91
25-26	******	99.87	99.86	99.94	99.92	*	******	99.90	99.89	******	99.94
26-27	******	99.87	99.93	99.94	99.94	*	******	100.00	100.00	******	100.00
27-28	******	100.00	99.93	99.94	99.97	*	******	******	******	******	******
28-29	******	******	99.93	99.94	99.97	*	******	******	******	******	******
29-30	******	******	100.00	100.00	100.00	*	******	******	******	******	******
NOBS	1785	1546	1441	1619	6391	*	824	992	873	624	3313

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 3.6. EDWARDS AFB BIVARIATE NORMAL STATISTICS (MARCH, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 3/43 - 3/68
MONTH OF RECORD - 3,
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	2.07	.50	3.89	2.64	4.49	.4372	627
1	3.34	.06	6.54	3.[illegible]	10.92	.4236	668
2	2.38	-1.49	7.28	5.[illegible]	10.82	.2567	661
3	4.81	-2.13	8.03	7.[illegible]8	6.44	.1019	637
4	7.21	-2.70	9.05	9.13	9.06	.1095	619
5	9.57	-3.01	10.50	10.42	9.52	.0871	604
6	11.83	-3.25	11.94	12.03	14.92	.1039	599
7	14.09	-3.12	13.20	13.12	29.65	.1711	580
8	16.27	-3.22	14.53	15.[illegible]7	42.96	.1962	574
9	18.64	-3.22	15.66	16.35	55.56	.2170	568
10	21.02	-2.82	16.46	16.31	73.73	.2746	559
11	23.37	-2.02	16.61	16.05	70.33	.2638	557
12	24.60	-1.37	15.28	15.58	62.95	.2644	554
13	24.84	-.98	13.91	13.54	35.33	.1876	548
14	23.72	-.52	12.93	11.64	26.71	.1774	541
15	21.42	-.12	10.89	9.71	19.12	.1808	521
16	18.68	.09	9.84	8.49	18.99	.2273	517
17	15.69	-.02	9.15	6.96	16.91	.2656	490
18	12.89	-.11	9.09	5.96	12.91	.2383	472
19	9.78	-.23	7.96	5.10	8.36	.2059	469
20	7.22	-.68	7.46	4.43	6.77	.2048	456
21	5.22	-.62	7.46	3.80	3.35	.1181	435
22	3.78	-.75	7.78	3.90	4.88	.1609	415
23	3.57	-.70	8.45	3.64	6.85	.2227	410
24	3.19	-.32	8.43	3.40	6.79	.2367	393
25	3.84	-.04	10.22	3.58	13.65	.3728	388
26	3.62	.23	10.26	3.46	10.60	.2988	380
27	4.37	.43	11.20	3.32	10.83	.2918	350

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

APRIL

PRECEDING PAGE BLANK NOT FILMED

ORIGINAL PAGE IS
OF POOR QUALITY

PRECEDING PAGE BLANK NOT FILMED

TABLE 4.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF APRIL

RUNWAY 17 - 35

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	45.15	24.49	11.62	3.59	.30	.10	14.75	1980
03-05	42.07	22.02	9.80	2.32	.35	.15	23.28	1980
06-08	31.21	18.64	10.91	4.14	1.06	.10	33.01	1980
09-11	25.66	18.59	14.34	9.75	2.12	.20	29.34	1980
12-14	25.45	20.40	18.99	14.95	3.99	.71	15.51	1980
15-17	16.11	20.71	25.05	21.21	5.25	.71	11.01	1980
18-20	14.04	36.57	31.06	11.11	1.62	.40	5.20	1980
21-23	36.87	34.14	14.85	4.14	1.01	.25	8.74	1980
00-23	29.57	24.44	17.08	8.90	1.96	.33	17.72	15840

4.1A

RUNWAY 22 - 4

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	60.20	15.05	2.53	.96	.10	.05	21.11	1980
03-05	55.86	11.67	1.92	.71	.15	.00	29.70	1980
06-08	46.62	13.03	2.68	1.16	.05	.00	36.26	1980
09-11	44.55	14.65	5.61	2.12	.30	.05	32.73	1980
12-14	44.65	20.66	9.29	4.34	.91	.05	20.10	1980
15-17	36.26	24.09	16.16	6.67	1.06	.05	15.71	1980
18-20	45.10	28.38	12.93	3.23	.35	.00	10.00	1980
21-23	63.69	18.23	3.79	1.41	.05	.05	12.78	1980
00-23	49.61	15.22	6.69	2.53	.37	.03	22.30	15840

4.1B

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	61.67	8.69	2.42	.66	.10	.00	26.46	1980
03-05	55.96	6.82	1.46	.56	.15	.00	35.05	1980
06-08	45.15	8.43	2.58	1.06	.00	.00	42.79	1980
09-11	41.82	12.17	4.95	1.77	.35	.00	38.94	1980
12-14	43.64	18.13	9.19	3.79	.71	.00	24.55	1980
15-17	35.61	24.24	15.15	5.51	.66	.00	18.84	1980
18-20	47.17	27.47	11.67	2.37	.30	.00	11.01	1980
21-23	65.40	12.63	3.54	1.06	.05	.05	17.27	1980
00-23	49.55	14.82	6.37	2.10	.29	.01	26.86	15840

4.1C

TABLE 4.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF APRIL

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	7.58	1.97	.45	1980	39.74	35.20	7.32
03-05	10.15	1.57	.45	1980	34.55	30.40	6.01
06-08	11.26	3.03	.51	1980	26.16	25.96	7.53
09-11	20.91	5.76	1.57	1980	22.98	18.33	8.39
12-14	23.03	9.44	2.32	1980	25.45	16.06	13.64
15-17	24.29	8.59	3.23	1980	23.03	15.35	18.38
19-20	23.59	6.62	1.01	1980	26.77	25.76	12.53
21-23	11.06	2.47	.25	1980	34.75	38.59	9.24
00-23	16.48	4.92	1.22	15840	29.13	25.71	10.51

4.2A

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	2.02	.51	.05	1980	28.84	39.55	20.91
03-05	4.24	.66	.10	1980	27.53	32.32	18.28
06-08	7.17	1.71	.10	1980	19.75	27.59	22.47
09-11	16.21	4.75	1.72	1980	11.62	15.25	29.09
12-14	15.20	6.92	2.78	1980	12.98	15.10	36.82
15-17	9.65	3.84	1.52	1980	12.27	14.97	48.48
18-20	4.49	1.72	.20	1980	12.48	31.36	45.61
21-23	2.83	.51	.10	1980	29.41	44.19	27.27
00-23	7.73	2.53	.82	15840	18.38	27.29	31.10

4.2B

TABLE 4.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 0 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	1.82	3.03	.30	.91	.30	.00	.30	6.67	*	17.73	12.27	3.49	1.06	.00	.00	5.00	39.55
5 TO 9	.76	.45	.45	.15	.00	.00	.15	1.97	*	23.33	7.82	6.39	1.67	.00	.00	1.06	38.33
10- UP	.00	.00	.30	.15	.00	.00	.00	.45	*	1.36	5.30	.61	.61	.15	.00	.00	8.03
TOTAL	2.58	3.48	1.06	1.21	.30	.00	.45	9.09	*	42.42	25.45	8.48	3.33	.15	.00	6.06	85.91

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	.91	.45	.15	.00	.00	.00	.15	1.67	*	17.73	2.73	.30	.30	.00	.00	6.97	28.03
5 TO 9	.30	.30	.00	.00	.00	.00	.00	.61	*	31.62	6.21	.15	.45	.15	.00	3.48	42.27
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	*	13.94	5.76	1.06	.61	.00	.00	1.06	22.42
TOTAL	1.21	.76	.15	.00	.00	.00	.15	3.27	*	63.48	14.70	1.52	1.36	.15	.00	11.52	92.73

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 1 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	2.58	1.52	1.52	1.21	.00	.15	.61	7.58	*	19.09	11.21	3.79	.76	.00	.15	5.15	40.15
5 TO 9	.30	.61	.45	.00	.00	.00	.00	1.36	*	20.61	5.61	6.97	.76	.00	.00	.30	34.24
10- UP	.30	.00	.45	.00	.00	.00	.00	.76	*	1.52	4.24	.76	.30	.00	.00	.00	6.82
TOTAL	3.18	2.12	2.42	1.21	.00	.15	.61	9.70	*	41.21	21.06	11.52	1.82	.00	.15	5.45	81.21

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	1.21	.15	.00	.00	.00	.00	.00	1.36	*	16.36	1.82	.45	.45	.00	.00	9.39	28.48
5 TO 9	.15	.30	.15	.00	.00	.00	.00	.61	*	27.73	7.27	1.36	.00	.00	.00	2.88	39.24
10- UP	.00	.15	.00	.00	.00	.00	.00	.15	*	12.88	5.00	1.21	.61	.15	.00	1.21	21.06
TOTAL	1.36	.61	.15	.00	.00	.00	.00	2.12	*	56.97	14.09	3.03	1.06	.15	.00	13.48	88.79

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 4.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 2 NUMBER OPS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.48	1.82	.91	1.06	.30	.00	.91	8.48
5 TO 9	.61	.91	.45	.30	.00	.00	.00	2.27
10- UP	.00	.00	.00	.00	.15	.00	.00	.15
TOTAL	4.09	2.73	1.36	1.36	.45	.00	.91	10.91

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.24	9.09	3.79	1.06	.00	.00	5.15	38.33
5 TO 9	20.91	5.45	5.45	.45	.00	.00	.76	33.03
10- UP	1.82	4.09	.76	.30	.00	.00	.15	7.12
TOTAL	41.97	18.64	10.00	1.82	.00	.00	6.06	78.48

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.42	.45	.00	.00	.00	.00	.15	3.03
5 TO 9	.30	.00	.00	.00	.00	.00	.00	.30
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	2.73	.45	.00	.00	.00	.00	.15	3.33

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.64	2.73	.45	.00	.00	.00	8.18	30.00
5 TO 9	24.24	7.42	1.36	.00	.00	.15	3.94	37.12
10- UP	11.97	4.39	.91	.45	.00	.00	1.21	18.94
TOTAL	54.85	14.55	2.73	.45	.00	.15	13.33	86.06

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 3 NUMBER OPS. 663

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.45	1.06	.91	.76	.15	.15	.91	9.39
5 TO 9	.91	.45	.15	.30	.00	.00	.00	1.82
10- UP	.15	.00	.00	.00	.00	.00	.00	.15
TOTAL	6.52	1.52	1.06	1.06	.15	.15	.91	11.36

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.42	9.85	4.55	.45	.15	.00	3.64	36.06
5 TO 9	19.24	7.27	4.70	.45	.00	.00	.30	31.97
10- UP	1.06	4.85	.61	.15	.00	.00	.00	6.67
TOTAL	37.73	21.97	9.85	1.06	.15	.00	3.94	74.70

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.36	.61	.00	.00	.00	.00	.45	2.42
5 TO 9	.76	.15	.00	.00	.00	.00	.00	.91
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	2.12	.76	.00	.00	.00	.00	.45	3.33

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.42	.97	.76	.00	.00	.00	8.94	29.09
5 TO 9	26.52	4.24	.91	.15	.00	.00	1.67	33.48
10- UP	12.42	5.30	.76	.45	.15	.00	1.06	20.15
TOTAL	56.36	11.52	2.42	.61	.15	.00	11.67	82.73

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 4.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 4 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.39	1.06	1.36	.45	.00	.00	1.67	8.94
5 TO 9	.61	.15	.00	.00	.00	.15	.00	.91
10- UP	.15	.30	.30	.30	.00	.00	.00	1.06
TOTAL	5.15	1.52	1.67	.76	.00	.15	1.67	10.91

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.91	9.55	2.42	.76	.30	.00	4.70	33.64
5 TO 9	17.73	6.67	5.91	.76	.00	.30	.30	31.36
10- UP	1.21	3.33	.76	.15	.15	.00	.00	5.61
TOTAL	34.85	19.55	9.09	1.67	.45	.00	5.00	70.61

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.18	.15	.00	.15	.00	.00	.91	4.39
5 TO 9	.30	.15	.15	.00	.00	.00	.00	.61
10- UP	.15	.15	.00	.00	.00	.00	.00	.30
TOTAL	3.64	.45	.15	.15	.00	.00	.91	5.30

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.55	1.67	.00	.45	.00	.00	8.18	24.85
5 TO 9	22.59	7.27	.91	.00	.00	.00	2.73	33.48
10- UP	12.73	3.03	.61	.30	.15	.00	1.06	17.98
TOTAL	49.85	11.97	1.52	.76	.15	.00	11.97	76.21

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 5 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.97	1.67	.45	.15	.30	.00	2.58	12.12
5 TO 9	.61	.76	.15	.15	.00	.15	.15	1.97
10- UP	.00	.00	.15	.00	.00	.00	.00	.15
TOTAL	7.58	2.42	.76	.30	.30	.15	2.73	14.24

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.67	10.15	1.52	1.21	.00	.00	4.39	33.94
5 TO 9	16.97	4.70	5.15	.45	.00	.00	.61	27.88
10- UP	.76	4.24	.30	.45	.00	.00	.00	5.76
TOTAL	34.39	19.09	6.97	2.12	.00	.00	5.00	67.58

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.24	.61	.30	.00	.00	.00	1.06	5.91
5 TO 9	.15	.30	.00	.00	.00	.00	.00	.45
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	4.39	.91	.00	.00	.00	.00	1.06	6.36

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.52	1.82	.76	.15	.00	.00	9.39	28.64
5 TO 9	23.94	4.09	.30	.15	.00	.00	1.52	30.00
10- UP	10.76	3.48	.61	.30	.15	.00	1.52	16.82
TOTAL	51.21	9.39	1.67	.61	.15	.00	12.42	75.45

TABLE 4.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 6 NUMBER OPS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	5.00	1.67	1.06	.61	.30	.00	3.18	11.82	13.18	9.79	2.58	.45	.45	.00	3.79	29.24
5 TO 9	1.36	.00	.30	.00	.00	.00	.00	1.67	17.58	5.15	3.79	.45	.00	.00	.61	27.58
10- UP	.15	.00	.15	.00	.00	.00	.00	.30	1.36	3.94	.15	.15	.00	.00	.00	5.61
TOTAL	6.52	1.67	1.52	.61	.30	.00	3.18	13.79	32.12	17.88	6.52	1.06	.45	.00	4.39	62.42

TAILWIND LIMITS	RUNWAY 7 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	4.24	.45	.00	.00	.00	.00	1.21	5.91	14.55	2.58	.30	.15	.00	.00	6.36	24.24
5 TO 9	.61	.15	.00	.00	.00	.00	.15	.91	21.67	5.15	.30	.00	.00	.00	1.82	28.94
10- UP	.00	.00	.15	.00	.00	.00	.00	.15	9.55	3.79	.91	.61	.00	.00	1.21	16.06
TOTAL	4.85	.61	.15	.00	.00	.00	1.36	6.97	46.06	11.52	1.52	.76	.00	.00	9.39	69.24

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 7 NUMBER OPS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	2.88	1.36	.76	.61	.76	.00	4.55	10.91	9.24	6.52	3.48	1.06	.30	.15	4.24	25.00
5 TO 9	1.52	.76	.45	.15	.00	.00	.15	3.03	13.18	5.30	6.82	.61	.00	.00	.00	25.91
10- UP	.15	.00	.15	.15	.00	.00	.00	.45	1.36	5.45	.30	1.06	.15	.00	.00	8.33
TOTAL	4.55	2.12	1.36	.91	.76	.00	4.70	14.39	23.79	17.27	10.61	2.73	.45	.15	4.24	59.24

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	5.61	.91	.00	.00	.00	.00	1.52	8.03	8.79	2.27	.61	.30	.00	.00	5.45	17.42
5 TO 9	.76	.45	.00	.00	.00	.00	.00	1.21	16.67	4.24	.76	.15	.00	.00	1.67	23.48
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	13.64	5.45	1.21	1.06	.00	.00	2.12	23.48
TOTAL	6.35	1.36	.00	.00	.00	.00	1.52	9.24	39.09	11.97	2.58	1.52	.00	.00	9.24	64.39

TABLE 4.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 8 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.24	1.06	1.06	1.36	.30	.00	3.03	11.06
5 TO 9	1.97	1.36	.45	.30	.00	.00	.30	4.39
10- UP	.15	.00	.15	.45	.00	.00	.00	.76
TOTAL	6.36	2.42	1.67	2.12	.30	.00	3.33	16.21

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.24	3.79	3.79	1.67	.61	.15	5.00	24.24
5 TO 9	10.15	5.30	6.67	2.12	.00	.00	.15	24.39
10- UP	1.06	5.45	.61	1.21	.30	.00	.00	8.64
TOTAL	20.45	14.55	11.06	5.00	.91	.15	5.15	57.27

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.85	.61	.00	.00	.30	.00	2.12	7.58
5 TO 9	.91	.76	.00	.00	.00	.00	.15	1.82
10- UP	.00	.00	.15	.00	.00	.00	.00	.15
TOTAL	5.76	1.36	.15	.00	.00	.00	2.27	9.55

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.15	1.21	.91	.45	.15	.00	4.70	17.58
5 TO 9	12.88	3.18	.61	.30	.00	.00	1.36	18.33
10- UP	14.70	7.95	2.73	.45	.00	.00	2.12	27.98
TOTAL	37.73	12.27	4.24	1.21	.15	.00	8.18	63.79

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 9 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.21	2.58	1.97	2.27	.61	.15	3.03	14.82
5 TO 9	1.97	.30	.15	.30	.00	.00	.00	2.73
10- UP	.30	.45	.30	.15	.30	.00	.00	1.52
TOTAL	8.48	3.33	2.42	2.73	.91	.15	3.03	21.06

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.03	5.15	3.18	1.36	.61	.00	4.85	23.18
5 TO 9	6.82	4.09	7.12	2.27	.00	.00	.61	20.91
10- UP	1.06	5.61	.91	1.82	.15	.00	.00	9.55
TOTAL	15.91	14.85	11.21	5.45	.76	.00	5.45	53.64

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.18	1.06	.30	.00	.00	.00	2.42	11.97
5 TO 9	1.36	.45	.00	.00	.00	.00	.30	2.12
10- UP	.30	.45	.00	.00	.00	.00	.45	1.21
TOTAL	9.85	1.97	.30	.00	.00	.00	3.18	15.30

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.64	1.36	.15	.15	.00	.00	3.33	13.64
5 TO 9	10.91	3.48	1.36	.30	.30	.00	1.36	17.73
10- UP	15.45	6.06	3.79	.76	.15	.00	1.52	27.73
TOTAL	35.00	10.91	5.30	1.21	.45	.00	6.21	58.09

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 4.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 10 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	9.39	2.42	1.82	2.27	.61	.00	3.64	20.15	6.97	5.00	3.79	3.18	.30	.15	2.88	22.27
5 TO 9	2.42	1.97	1.06	.91	.15	.00	.30	6.82	5.45	7.79	5.76	2.12	.00	.00	.15	17.27
10- UP	.30	.30	.30	.15	.30	.00	.00	1.76	1.06	4.55	1.36	1.82	.45	.15	.00	9.39
TOTAL	12.12	4.70	3.19	3.33	1.06	.00	3.94	28.73	13.47	17.33	10.91	7.12	.76	.30	3.03	48.94

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	10.91	.61	.15	.15	.00	.00	4.55	16.76	5.45	1.52	.45	.15	.30	.00	2.42	10.00
5 TO 9	3.03	.61	.00	.00	.00	.00	.91	4.55	9.55	2.88	1.82	.45	.15	.15	.61	15.61
10- UP	.45	.45	.15	.00	.00	.00	.91	1.97	13.33	9.94	2.88	1.52	.15	.00	1.67	28.48
TOTAL	14.39	1.67	.30	.15	.00	.00	6.36	22.88	28.33	13.33	5.15	2.12	.30	.15	4.70	54.09

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 11 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	11.67	3.79	1.52	2.88	.91	.00	5.00	25.76	7.27	5.15	4.24	2.42	1.06	.15	3.18	23.48
5 TO 9	3.94	2.12	.61	.76	.15	.00	.15	7.73	3.64	3.79	7.12	1.82	.30	.00	.15	16.82
10- UP	.15	.91	.45	.30	.00	.00	.00	1.82	.91	3.94	1.52	2.42	.45	.00	.00	9.24
TOTAL	15.76	6.82	2.58	3.94	1.06	.00	5.15	35.30	11.62	12.88	12.88	6.67	1.82	.15	3.33	49.55

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	11.36	1.67	.15	.30	.00	.00	6.67	20.30	6.97	.91	.45	.30	.00	.00	2.58	11.21
5 TO 9	4.70	1.67	.00	.00	.00	.00	1.21	7.58	6.97	2.88	1.36	.45	.00	.00	.76	12.42
10- UP	.91	.30	.00	.00	.00	.00	.76	1.97	15.15	8.44	3.79	1.82	.15	.00	1.52	31.06
TOTAL	16.97	3.64	.15	.30	.00	.00	8.79	29.85	29.09	12.42	5.61	2.58	.15	.00	4.85	54.70

TABLE 4.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 12 NUMBER OBS. 640

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.15	3.03	2.88	3.18	.91	.00	2.58	22.73
5 TO 9	4.55	3.18	1.36	.45	.61	.15	.00	10.30
10- UP	.30	.30	.76	.91	.00	.00	.00	2.27
TOTAL	15.00	6.52	5.00	4.55	1.52	.15	2.58	35.30

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.55	6.06	4.09	3.33	.76	.15	1.52	25.45
5 TO 9	4.55	1.97	5.76	2.12	.15	.00	.00	14.55
10- UP	.45	6.06	2.58	2.42	.91	.15	.00	12.58
TOTAL	14.55	14.09	12.42	7.88	1.82	.30	1.52	52.58

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.12	1.21	.15	.00	.00	.00	3.94	17.42
5 TO 9	3.94	1.97	.15	.00	.00	.00	1.97	8.03
10- UP	1.52	.30	.15	.00	.00	.00	1.21	3.18
TOTAL	17.58	3.43	.45	.00	.00	.00	7.12	28.64

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.91	2.27	.76	.91	.15	.00	1.82	11.92
5 TO 9	5.18	2.27	2.12	.30	.30	.00	.45	13.64
10- UP	14.24	11.21	3.94	2.42	.45	.00	1.36	33.64
TOTAL	25.37	15.76	6.82	3.64	.91	.00	3.64	59.09

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 13 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.24	4.39	3.79	3.18	.91	.30	2.42	24.24
5 TO 9	3.18	2.73	2.58	1.21	.45	.00	.00	10.15
10- UP	.45	.61	.30	.45	.15	.00	.15	2.12
TOTAL	12.88	7.73	6.67	4.85	1.52	.30	2.58	34.52

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.27	5.00	4.24	3.33	1.52	.30	3.18	24.85
5 TO 9	5.00	2.27	5.15	3.03	.15	.00	.45	16.06
10- UP	.00	5.61	3.03	3.18	.91	.15	.00	12.88
TOTAL	12.27	12.88	12.42	9.55	2.58	.45	3.64	53.79

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.00	1.82	.76	.00	.00	.00	4.09	16.67
5 TO 9	4.55	1.21	.15	.00	.00	.00	1.82	7.73
10- UP	.76	.61	.00	.00	.00	.00	.91	2.27
TOTAL	15.30	3.64	.91	.00	.00	.00	6.82	26.67

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.42	1.67	1.21	.61	.15	.00	1.52	12.58
5 TO 9	6.36	4.09	3.18	1.36	.15	.00	.30	15.45
10- UP	15.61	10.91	4.70	2.27	.61	.00	1.52	35.61
TOTAL	29.39	16.67	9.09	4.24	.91	.00	3.33	63.64

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 4.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 14 NUMBER OPS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.36	3.33	4.39	7.94	1.36	.30	2.42	22.12
5 TO 9	1.52	2.58	1.36	1.52	.76	.00	.15	7.88
10- UP	.30	.76	.91	.45	.15	.00	.00	2.58
TOTAL	5.18	6.67	6.67	5.91	2.27	.30	2.58	32.58

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.42	5.15	4.24	5.30	.76	.61	2.58	26.06
5 TO 9	5.76	6.98	5.45	7.03	.15	.00	.30	17.58
10- UP	.30	5.76	4.09	7.79	1.36	.00	.15	15.45
TOTAL	13.48	13.39	13.73	17.12	2.27	.61	3.03	59.09

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.48	1.06	.15	.00	.00	.00	1.52	11.52
5 TO 9	2.42	.61	.15	.00	.00	.00	1.52	7.00
10- UP	1.36	1.21	.00	.00	.00	.00	.30	2.88
TOTAL	12.27	2.88	.30	.00	.00	.00	3.94	19.39

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.73	2.58	1.06	1.06	.15	.00	1.97	14.55
5 TO 9	7.42	3.33	3.48	1.52	.30	.15	.30	16.21
10- UP	15.91	13.64	5.76	2.58	.76	.00	2.58	41.21
TOTAL	31.06	19.55	10.30	5.15	.91	.15	4.85	71.97

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 15 NUMBER OPS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.82	3.79	2.73	3.79	1.52	.61	2.27	21.52
5 TO 9	2.88	2.27	1.21	1.52	.45	.00	.15	8.48
10- UP	.45	.15	1.06	1.06	.15	.00	.00	2.88
TOTAL	10.15	6.21	5.00	6.36	2.12	.61	2.42	32.88

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.67	5.76	4.24	6.06	1.52	.15	1.67	26.06
5 TO 9	3.48	3.79	5.61	3.94	.00	.15	.00	16.97
10- UP	.76	5.61	4.85	4.85	.76	.15	.15	17.12
TOTAL	10.91	15.15	14.70	14.85	2.27	.45	1.82	60.15

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.48	1.97	.30	.15	.00	.00	2.42	17.33
5 TO 9	2.27	.76	.45	.00	.00	.00	.91	4.85
10- UP	.30	.15	.15	.00	.00	.00	.76	1.36
TOTAL	11.52	2.88	.91	.15	.00	.00	4.09	19.55

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.67	1.76	1.97	1.21	.15	.15	1.52	17.03
5 TO 9	7.12	2.42	2.27	1.06	.45	.00	.91	14.70
10- UP	16.36	15.15	7.27	2.73	.91	.00	2.88	45.30
TOTAL	30.15	19.94	11.97	5.00	1.52	.15	5.30	73.03

TABLE 4.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 16 NUMBER OBS. 640

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.21	2.73	6.52	6.21	2.73	.15	2.58	27.12
5 TO 9	1.06	1.67	2.42	2.42	.30	.00	.00	7.88
10- UP	.45	.76	1.21	.76	.00	.00	.00	3.18
TOTAL	7.73	5.15	10.15	9.39	3.03	.15	2.58	38.18

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.45	4.79	2.88	4.24	2.12	.15	1.67	20.91
5 TO 9	1.82	1.67	6.36	3.33	.00	.00	.30	13.48
10- UP	.76	8.03	4.39	4.70	1.52	.15	.15	19.70
TOTAL	8.03	14.09	13.64	12.27	3.64	.30	2.12	54.09

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.15	.61	.61	.00	.00	.00	2.12	8.48
5 TO 9	1.21	.76	.15	.00	.00	.00	.91	3.03
10- UP	.76	.76	.15	.00	.00	.00	.15	1.82
TOTAL	7.12	2.12	.91	.00	.00	.00	3.18	13.33

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.67	1.21	1.97	1.52	.00	.00	2.12	13.48
5 TO 9	4.55	4.70	4.85	1.97	.45	.00	.76	17.27
10- UP	18.03	14.09	9.55	4.09	.30	.00	2.12	48.18
TOTAL	29.24	20.00	16.36	7.58	.76	.00	5.00	78.94

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 17 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.64	2.58	8.94	5.61	1.82	.45	.21	24.24
5 TO 9	1.06	3.94	1.36	2.58	.30	.15	.00	9.39
10- UP	.30	.45	2.27	.45	.00	.00	.15	3.64
TOTAL	5.00	6.97	12.58	8.64	2.12	.61	1.36	37.27

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.48	4.24	6.97	5.00	1.52	.00	.91	22.12
5 TO 9	2.12	2.12	7.12	4.24	.00	.00	.00	15.61
10- UP	.91	8.48	5.15	2.88	.91	.00	.00	18.33
TOTAL	6.52	14.85	19.24	12.12	2.42	.00	.91	56.06

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.09	.91	.30	.61	.00	.00	1.21	7.12
5 TO 9	1.82	.61	.15	.15	.00	.00	.91	3.64
10- UP	.45	.45	.15	.00	.00	.00	.30	1.36
TOTAL	6.36	1.97	.61	.76	.00	.00	2.42	12.12

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.33	1.06	2.58	1.82	.15	.00	1.36	10.30
5 TO 9	5.00	5.15	6.67	1.67	.15	.00	.30	18.94
10- UP	16.06	20.15	8.48	3.03	.61	.00	3.64	51.97
TOTAL	24.39	26.36	17.73	6.52	.91	.00	5.30	81.21

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 4.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 18 NUMBER OBS. 540

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.69	5.15	9.64	7.27	1.52	.00	1.06	27.32
5 TO 9	1.21	2.73	2.27	1.36	.30	.00	.15	7.03
10- UP	.30	.61	.91	.00	.00	.00	.00	1.82
TOTAL	4.39	8.48	12.42	8.64	1.82	.00	1.21	34.97

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.58	4.39	7.77	5.30	.45	.15	1.06	21.47
5 TO 9	1.21	3.79	11.53	4.24	.00	.00	.00	21.06
10- UP	.76	10.45	1.82	1.67	.15	.00	.00	14.85
TOTAL	4.55	18.64	21.34	11.21	.61	.15	1.06	57.58

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.12	.91	.30	.61	.00	.00	1.21	5.15
5 TO 9	2.12	.61	.00	.0	.00	.00	.61	3.33
10- UP	.00	.00	.30	.00	.00	.00	.15	.45
TOTAL	4.24	1.52	.61	.61	.00	.00	1.97	8.94

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.37	1.67	3.79	.61	.00	.00	.61	10.00
5 TO 9	4.70	7.12	6.67	1.06	.00	.00	.30	19.85
10- UP	23.18	19.77	7.43	3.48	.15	.00	3.03	55.61
TOTAL	31.21	27.12	17.85	5.15	.15	.00	3.94	85.45

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 19 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.79	4.47	9.85	2.88	.30	.30	.15	23.94
5 TO 9	1.36	7.68	1.52	.61	.00	.00	.00	4.97
10- UP	.15	.00	.61	.15	.00	.00	.00	.91
TOTAL	5.30	10.15	11.97	3.64	.30	.30	.15	31.82

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.58	11.47	9.70	2.73	.91	.30	.45	28.33
5 TO 9	7.64	[illegible]	11.11	1.36	.00	.00	.00	24.39
10- UP	.61	9.55	1.36	.76	.15	.00	.00	12.42
TOTAL	6.83	29.39	22.27	4.85	1.06	.30	.45	65.15

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.55	1.21	.45	.15	.00	.00	.91	5.41
5 TO 9	.45	.45	.00	.00	.00	.00	.15	1.21
10- UP	.00	.15	.00	.00	.00	.00	.00	.15
TOTAL	3.48	1.82	.45	.15	.00	.00	1.06	6.77

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.58	4.70	2.27	.45	.00	.00	.45	10.45
5 TO 9	15.15	11.00	5.34	.45	.15	.00	1.52	33.64
10- UP	24.09	17.03	4.55	1.06	.30	.00	2.58	45.61
TOTAL	41.8	27.73	13.13	1.97	.45	.00	4.55	89.70

C-2

TABLE 4.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 20 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.24	8.03	4.09	1.52	.91	.45	.45	19.70
5 TO 9	.45	2.88	1.36	.15	.00	.00	.00	4.85
10- UP	.00	.00	.30	.00	.00	.00	.00	.30
TOTAL	4.70	10.91	5.76	1.67	.91	.45	.45	24.85

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.61	15.30	6.82	1.97	[illegible]	.00	.45	30.30
5 TO 9	9.85	9.24	11.82	.91	.00	.00	.00	31.82
10- UP	1.36	7.73	.76	.45	.00	.00	.00	10.30
TOTAL	16.82	32.27	19.39	3.33	.15	.00	.45	72.42

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.12	.30	.00	.00	.00	.00	.30	2.73
5 TO 9	.30	.15	.00	.00	.00	.00	.15	.61
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	2.42	.45	.00	.00	.00	.00	.45	3.33

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.58	5.61	2.42	.30	.00	.00	1.67	17.58
5 TO 9	23.18	11.97	2.42	.30	.00	.00	2.73	40.61
10- UP	21.36	8.94	1.82	1.21	.45	.00	1.82	35.61
TOTAL	52.12	26.52	6.67	1.82	.45	.00	6.21	93.79

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 21 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.64	5.91	2.58	1.21	.76	.00	.76	14.85
5 TO 9	.61	1.67	.76	.15	.00	.00	.15	3.33
10- UP	.00	.15	.00	.00	.00	.15	.00	.30
TOTAL	4.24	7.73	3.33	1.36	.76	.15	.91	18.48

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.58	16.97	5.15	1.36	.15	.15	1.52	32.88
5 TO 9	15.91	10.45	7.73	1.21	.00	.00	.30	35.61
10- UP	.91	7.12	.61	1.06	.00	.00	.00	9.70
TOTAL	24.39	34.55	13.48	3.64	.15	.15	1.82	78.18

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.12	.45	.15	.00	.00	.45	3.18	
5 TO 9	.00	.15	.00	.00	.00	.00	.15	
10- UP	.30	.00	.00	.00	.00	.00	.30	
TOTAL	2.42	.61	.15	.00	.00	.00	.45	3.64

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.24	4.79	1.06	.00	.00	.00	2.73	17.42
5 TO 9	20.61	9.70	1.97	.30	.00	.00	2.42	45.00
10- UP	18.48	7.12	1.21	1.21	.00	.15	2.27	30.45
TOTAL	58.33	21.21	4.24	1.52	.00	.15	7.42	92.88

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 4.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 22 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.33	2.58	2.27	.45	.61	.15	.61	10.00
5 TO 9	.61	.45	.45	.45	.00	.00	.00	1.97
10- UP	.00	.00	.15	.00	.00	.00	.00	.15
TOTAL	3.94	3.03	2.88	.91	.61	.15	.61	12.12

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.45	13.79	4.55	1.52	.76	.00	5.30	36.36
5 TO 9	21.67	7.88	6.36	1.06	.00	.00	.91	37.88
10- UP	2.12	6.82	.61	.76	.00	.00	.00	10.30
TOTAL	34.24	28.45	11.52	3.33	.76	.00	6.21	84.55

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.82	.30	.15	.00	.00	.00	.45	2.73
5 TO 9	.30	.30	.00	.00	.00	.00	.61	1.21
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	2.12	.61	.15	.00	.00	.00	.45	3.33

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.55	4.09	.15	.15	.00	.00	4.09	23.03
5 TO 9	29.85	6.82	1.82	.61	.00	.00	3.48	42.27
10- UP	15.45	7.27	2.12	.61	.15	.00	2.42	28.03
TOTAL	59.85	17.88	4.09	1.36	.15	.00	10.00	93.33

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF APRIL

HOUR 23 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.42	2.12	1.52	1.21	.15	.00	.91	8.33
5 TO 9	1.06	.15	.61	.15	.00	.00	.15	2.12
10- UP	.15	.00	.15	.00	.00	.00	.00	.30
TOTAL	3.64	2.27	2.27	1.36	.15	.00	1.06	10.76

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.33	12.88	3.64	.45	.61	.00	4.09	35.00
5 TO 9	25.76	8.33	6.52	.91	.00	.30	.45	42.27
10- UP	1.21	5.15	.91	.45	.00	.00	.00	7.73
TOTAL	40.30	26.36	11.06	1.82	.61	.30	4.55	85.00

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.36	.61	.00	.00	.00	.00	.61	2.58
5 TO 9	.45	.15	.00	.15	.00	.00	.00	.76
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	1.82	.76	.00	.15	.00	.00	.61	3.33

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.76	2.88	.61	.15	.00	.00	4.39	23.79
5 TO 9	35.61	6.06	.61	.15	.00	.00	2.68	45.30
10- UP	15.15	4.70	1.52	.91	.00	.00	1.06	23.33
TOTAL	66.52	13.64	2.73	1.21	.00	.00	8.33	92.42

TABLE 4.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF APRIL

*** RUNWAY 17 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	9.66	5.21	4.45	5.78	44.90
03-05	12.34	6.58	5.77	7.49	47.30
06-08	13.25	7.84	5.41	9.20	36.52
09-11	21.55	13.15	8.40	18.34	29.70
12-14	22.86	11.03	11.84	16.91	34.01
15-17	19.32	10.32	9.00	16.15	24.93
18-20	17.55	5.72	11.84	8.30	36.05
21-23	11.84	4.35	7.49	5.05	54.21
00-23	16.05	8.02	8.02	10.37	35.46

*** RUNWAY 35 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	15.17	5.72	9.46	31.48	11.56
03-05	15.28	5.61	9.66	19.34	13.61
06-08	17.30	7.18	10.12	17.84	16.93
09-11	19.42	9.51	9.91	19.32	19.52
12-14	23.01	12.80	10.22	28.56	18.52
15-17	18.16	8.65	9.51	20.02	16.74
18-20	16.54	11.68	4.86	33.53	7.45
21-23	13.71	8.14	5.56	46.67	6.74
00-23	17.32	8.66	8.66	25.02	13.25

****

*** RUNWAY 22 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	3.49	1.92	1.57	1.97	66.78
03-05	5.97	3.59	2.38	3.78	47.47
06-08	8.14	5.46	2.68	5.98	31.18
09-11	16.14	10.27	5.87	13.29	25.84
12-14	13.10	5.06	8.04	6.73	32.38
15-17	8.50	2.48	6.02	2.92	40.07
18-20	4.00	1.11	2.88	1.19	44.88
21-23	3.49	1.52	1.97	1.57	57.35
00-23	7.85	3.93	3.93	4.42	35.45

*** RUNWAY 4 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	11.03	3.84	7.18	35.51	8.05
03-05	13.25	4.40	8.85	20.14	11.33
06-08	12.80	4.70	8.09	13.80	12.28
09-11	11.23	5.61	5.61	12.77	10.02
12-14	12.65	8.65	4.00	24.71	6.15
15-17	9.16	6.63	2.53	29.77	3.25
18-20	5.41	3.95	1.47	38.05	1.64
21-23	7.03	3.49	3.54	48.94	3.81
00-23	10.32	5.16	5.16	22.25	6.72

4.4A

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 4.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF APRIL

*** RUNWAY 17 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	4.88	.67	.22	5.78
03-05	6.57	.81	.12	7.49
06-08	7.78	1.13	.30	9.20
09-11	13.82	4.02	.49	18.34
12-14	11.64	4.81	.47	16.91
15-17	11.96	3.25	.95	16.15
18-20	6.75	1.47	.07	8.30
21-23	4.23	.59	.23	5.05
00-23	8.11	1.92	.34	10.37

*** RUNWAY 35 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	23.12	6.69	1.67	31.48
03-05	13.41	5.23	.70	19.34
06-08	12.69	4.77	.38	17.84
09-11	15.52	3.70	.10	19.32
12-14	21.44	6.09	1.02	28.56
15-17	14.99	3.75	1.29	20.02
18-20	22.50	9.58	1.45	33.53
21-23	31.01	14.78	.87	46.67
00-23	18.12	6.04	.86	25.02

4.48

*** RUNWAY 22 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	1.61	.36	.00	1.97
03-05	3.41	.37	.00	3.78
06-08	5.42	.50	.06	5.98
09-11	10.73	2.36	.20	13.29
12-14	5.38	1.21	.13	6.73
15-17	2.62	.30	.00	2.92
18-20	.97	.22	.00	1.19
21-23	1.31	.16	.10	1.57
00-23	3.73	.63	.06	4.42

*** RUNWAY 4 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	24.77	7.94	2.80	35.51
03-05	13.19	6.94	.00	20.14
06-08	9.90	4.30	.59	13.80
09-11	8.52	3.68	.58	12.77
12-14	14.45	8.09	2.17	24.71
15-17	14.77	10.91	4.09	29.77
18-20	22.44	12.68	2.93	38.05
21-23	28.37	18.44	2.13	48.94
00-23	13.50	7.20	1.55	22.25

TABLE 4.5. EDWARDS AFB HEADWIND COMPONENT CUMULATIVE PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF APRIL

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 17 *** HOURS 06-09 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 35 *** HOURS 06-09 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	34.26	35.54	22.85	16.28	27.97	*	67.46	48.77	28.72	21.61	41.35
1- 2	41.08	42.36	31.57	22.77	35.13	*	75.59	59.43	40.65	33.64	52.09
2- 3	47.90	50.74	42.53	33.91	44.26	*	82.23	71.52	54.84	53.74	65.42
3- 4	54.42	56.66	50.27	42.48	51.64	*	88.99	80.94	67.57	67.64	76.16
4- 5	60.70	61.37	54.45	47.27	56.44	*	91.36	85.25	73.99	72.78	80.79
5- 6	67.58	67.14	59.02	50.91	61.70	*	93.87	89.14	79.62	77.92	85.08
6- 7	77.00	73.19	65.84	55.26	68.64	*	95.99	92.11	84.46	83.41	88.95
7- 8	82.69	78.47	69.64	60.00	73.59	*	97.37	93.75	88.18	87.07	91.53
8- 9	87.49	82.97	74.44	65.14	76.39	*	98.12	95.39	92.45	90.07	93.98
9-10	91.17	86.91	79.09	71.23	82.89	*	98.75	96.82	94.82	92.52	95.71
10-11	93.01	90.36	82.73	75.57	86.11	*	99.00	97.85	96.17	95.37	97.07
11-12	94.07	92.33	85.38	77.79	88.01	*	99.25	98.57	96.96	96.85	97.90
12-13	96.92	94.37	88.69	81.34	90.93	*	99.62	98.87	98.76	98.36	98.89
13-14	98.28	96.06	90.70	84.19	92.85	*	99.62	99.28	99.21	98.60	99.18
14-15	98.99	96.90	92.02	86.72	94.14	*	99.62	99.49	99.55	99.30	99.49
15-16	99.23	97.75	93.80	90.43	95.66	*	99.87	99.90	99.89	99.42	99.77
16-17	99.41	98.10	94.81	91.94	96.34	*	100.00	100.00	99.89	99.42	99.83
17-18	99.70	99.01	96.05	94.55	97.55	*	******	******	100.00	99.77	99.94
18-19	99.76	99.16	96.75	95.49	97.97	*	******	******	******	99.77	99.94
19-20	99.88	99.65	98.06	97.47	98.87	*	******	******	******	99.88	99.97
20-21	99.88	99.72	98.53	98.50	99.22	*	******	******	******	100.00	100.00
21-22	100.00	99.79	98.84	99.21	99.51	*	******	******	******	******	******
22-23	******	99.86	99.46	99.53	99.74	*	******	******	******	******	******
23-24	******	99.93	99.54	99.53	99.77	*	******	******	******	******	******
24-25	******	99.93	99.69	99.76	99.84	*	******	******	******	******	******
25-26	******	100.00	99.69	99.76	99.88	*	******	******	******	******	******
26-27	******	******	99.69	99.92	99.91	*	******	******	******	******	******
27-28	******	******	99.85	99.92	99.95	*	******	******	******	******	******
28-29	******	******	99.85	99.92	99.95	*	******	******	******	******	******
29-30	******	******	99.92	100.00	99.98	*	******	******	******	******	******
30-31	******	******	99.92	******	99.98	*	******	******	******	******	******
31-32	******	******	100.00	******	100.00	*	******	******	******	******	******
NOBS	1687	1421	1291	1265	5664	*	799	976	888	856	3519

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 4.5. (Concluded)

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF APRIL

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 22 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 4 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	30.06	29.92	16.68	10.75	21.98	*	78.29	53.37	36.40	38.55	52.81
1- 2	34.03	33.38	19.44	13.96	25.34	*	85.38	63.57	47.05	51.70	62.83
2- 3	38.95	36.71	24.08	18.06	29.63	*	89.81	72.13	56.12	62.59	70.98
3- 4	44.03	39.39	27.98	20.74	33.25	*	93.65	80.28	64.80	69.61	77.91
4- 5	49.61	42.65	30.37	22.99	36.81	*	95.86	85.32	72.37	75.96	83.09
5- 6	54.36	45.11	34.10	26.74	40.65	*	97.49	86.53	77.84	80.50	86.70
6- 7	59.45	49.77	37.73	30.19	44.65	*	98.23	91.28	83.31	83.45	89.68
7- 8	66.41	53.43	42.97	33.69	49.55	*	99.11	93.46	87.19	87.53	92.29
8- 9	71.05	57.22	46.87	38.27	53.90	*	99.26	94.50	89.21	89.12	93.45
9-10	75.41	62.38	50.98	42.96	58.38	*	99.70	96.10	92.09	93.20	95.49
10-11	79.39	66.23	55.62	47.77	62.69	*	99.70	96.90	93.96	93.88	96.35
11-12	83.81	71.33	61.40	53.18	67.84	*	99.70	98.05	95.11	96.37	97.43
12-13	86.63	75.83	66.51	57.87	72.06	*	99.65	96.51	96.55	97.05	98.10
13-14	90.55	80.86	71.49	63.16	76.84	*	100.00	98.85	98.42	98.19	98.92
14-15	93.04	84.52	74.78	67.80	80.34	*	******	99.20	99.28	98.87	99.37
15-16	95.30	87.98	78.69	73.56	84.17	*	******	99.54	99.42	99.32	99.59
16-17	96.35	90.46	82.11	77.66	86.88	*	******	99.66	99.57	99.55	99.70
17-18	97.85	93.27	86.08	84.19	90.55	*	******	99.66	100.00	99.77	99.85
18-19	98.51	95.36	89.44	88.18	93.03	*	******	99.77	******	99.77	99.89
19-20	99.12	97.13	92.13	91.62	95.12	*	******	99.77	******	100.00	99.93
20-21	99.28	97.84	94.08	93.70	96.31	*	******	99.89	******	******	99.96
21-22	99.56	98.62	95.29	95.48	97.36	*	******	99.89	******	******	99.96
22-23	99.67	99.09	96.57	96.79	98.08	*	******	99.89	******	******	99.96
23-24	99.78	99.41	97.51	97.92	98.69	*	******	99.89	******	******	99.96
24-25	99.89	99.48	98.39	98.57	99.11	*	******	100.00	******	******	100.00
25-26	100.00	99.67	99.06	99.23	99.51	*	******	******	******	******	******
26-27	******	99.74	99.33	99.47	99.65	*	******	******	******	******	******
27-28	******	99.80	99.46	99.76	99.77	*	******	******	******	******	******
28-29	******	99.87	99.53	99.82	99.82	*	******	******	******	******	******
29-30	******	100.00	99.66	99.88	99.89	*	******	******	******	******	******
30-31	******	******	99.73	99.94	99.92	*	******	******	******	******	******
31-32	******	******	99.73	99.94	99.92	*	******	******	******	******	******
32-33	******	******	99.80	99.94	99.94	*	******	******	******	******	******
33-34	******	******	99.80	99.94	99.94	*	******	******	******	******	******
34-35	******	******	99.87	99.94	99.95	*	******	******	******	******	******
35-36	******	******	100.00	99.94	99.98	*	******	******	******	******	******
36-37	******	******	******	99.94	99.98	*	******	******	******	******	******
37-38	******	******	******	100.00	100.00	*	******	******	******	******	******
NOBS	1810	1531	1487	1683	6511	*	677	872	695	441	2685

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 4.6. EDWARDS AFB BIVARIATE NORMAL STATISTICS
(APRIL, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 4/43 - 4/68
MONTH OF RECORD - 4
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	3.15	1.21	3.83	2.61	2.38	.2382	643
1	5.08	.73	5.60	3.63	6.75	.3319	671
2	3.70	-.21	6.34	5.51	7.35	.2103	664
3	5.06	-.49	7.79	7.27	9.67	.1705	644
4	7.81	-.94	8.71	8.89	4.57	.0590	623
5	10.37	-1.17	10.07	10.01	7.77	.0770	598
6	12.74	-1.03	11.52	11.67	17.28	.1286	586
7	14.38	-1.28	12.91	13.31	32.06	.1867	565
8	16.35	-1.44	14.20	14.89	46.53	.2201	557
9	18.27	-1.54	15.26	17.00	68.37	.2636	552
10	20.69	-1.26	15.80	17.26	85.08	.3121	547
11	22.16	-.70	15.16	16.74	82.71	.3259	541
12	22.75	.17	13.85	15.36	68.10	.3201	539
13	22.57	.85	11.98	13.30	47.23	.2964	536
14	21.42	1.38	10.08	11.34	25.08	.2194	529
15	19.13	1.69	9.24	9.75	20.92	.2324	509
16	16.29	1.75	8.33	8.05	12.15	.1810	508
17	12.75	1.58	7.07	6.73	2.02	.0425	496
18	9.53	1.61	6.08	5.74	1.10	.0315	484
19	7.00	1.08	5.72	4.52	3.39	.1309	480
20	4.40	.44	5.38	3.42	1.41	.0768	461
21	2.51	.27	5.41	2.99	.96	.0591	428
22	1.14	.29	5.16	2.90	2.30	.1536	415
23	1.19	.41	5.31	2.77	3.04	.2070	410
24	1.41	.49	5.66	3.22	3.94	.2159	379
25	2.35	.19	5.96	3.14	4.91	.2619	371
26	3.69	.33	6.65	3.33	5.38	.2426	358
27	4.84	.28	7.17	3.32	5.25	.2207	332

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

MAY

PRECEDING PAGE BLANK NOT FILMED

TABLE 5.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF MAY

RUNWAY 17 - 35

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	44.04	30.50	12.07	2.69	.39	.00	10.31	2046
03-05	46.09	24.98	8.46	1.61	.20	.05	18.62	2046
06-08	32.60	23.36	12.71	5.09	.68	.10	25.27	2046
09-11	26.05	22.68	17.01	8.55	1.32	.29	23.90	2046
12-14	24.88	24.83	21.11	14.09	2.68	.64	11.59	2046
15-17	11.93	21.31	29.57	24.88	4.35	1.03	6.94	2046
18-20	8.85	36.66	35.67	13.59	2.00	.49	2.54	2046
21-23	32.60	38.42	16.08	4.20	.83	.39	7.48	2046
00-23	28.43	27.84	19.11	9.34	1.58	.37	13.33	1636*

5.1A

RUNWAY 22 - 4

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	65.30	16.67	2.30	.15	.05	.00	15.54	2046
03-05	60.07	13.73	.98	.15	.05	.00	25.02	2046
06-08	54.84	12.71	2.30	.33	.05	.00	29.28	2046
09-11	50.49	15.88	4.35	1.47	.20	.00	27.61	2046
12-14	49.27	23.66	6.99	3.57	.73	.00	15.70	2046
15-17	40.27	27.17	12.27	6.06	.98	.20	13.05	2046
18-20	49.51	26.64	12.27	2.15	.39	.00	9.04	2046
21-23	67.60	16.23	3.13	.64	.20	.00	12.22	2046
00-23	54.67	19.09	5.57	1.88	.33	.02	18.44	1636*

5.1B

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	69.11	9.43	1.76	.15	.00	.00	19.55	2046
03-05	63.88	5.62	.83	.10	.05	.00	29.52	2046
06-08	53.67	8.06	2.35	.68	.00	.00	35.24	2046
09-11	47.07	13.73	4.45	1.22	.10	.00	33.43	2046
12-14	49.90	19.65	6.99	3.18	.29	.00	19.99	2046
15-17	41.15	26.05	12.56	4.74	.73	.05	14.71	2046
18-20	51.27	25.86	11.34	1.66	.15	.00	9.73	2046
21-23	70.82	10.56	2.88	.34	.20	.00	15.20	2046
00-23	55.86	14.87	5.39	1.51	.19	.01	22.17	1636*

5.1C

PRECEDING PAGE BLANK NOT FILMED

TABLE 5.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF MAY

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OPS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-03	3.91	1.03	.20	2046	29.96	44.62	14.27
03-06	5.57	.73	.05	2046	30.40	39.56	11.14
06-09	7.38	.98	.34	2046	25.77	37.87	13.98
09-11	19.38	3.96	1.32	2046	25.61	23.17	11.75
12-14	20.49	5.77	1.71	2046	25.07	22.39	19.73
15-17	20.58	5.52	2.54	2046	15.98	23.53	27.96
18-20	16.86	3.91	1.27	2046	21.41	33.19	21.75
21-23	5.00	1.22	.79	2046	27.57	47.51	17.93
00-23	12.24	2.89	.98	16369	25.17	33.31	16.63

5.2A

HRS	RUNWAY 32 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OPS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-03	1.37	.24	.10	2046	19.13	45.30	29.15
03-06	2.54	.20	.00	2046	27.17	38.56	21.95
06-09	3.21	.49	.20	2046	19.96	24.69	31.72
09-11	13.78	3.91	1.81	2046	12.41	17.69	33.53
12-14	13.20	5.26	1.42	2046	13.29	14.91	43.11
15-17	5.72	3.47	.64	2046	9.09	17.81	63.39
18-20	2.59	1.12	.39	2046	6.26	25.95	61.88
21-23	1.52	.10	.10	2046	12.02	44.38	37.44
00-23	5.57	1.85	.58	16369	14.19	28.40	40.15

5.2B

TABLE 5.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 0 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.17	.59	1.32	.29	.00	.00	.29	3.67
5 TO 9	.15	.88	.44	.00	.00	.00	.00	1.47
10- UP	.00	.15	.00	.00	.00	.00	.00	.15
TOTAL	1.32	1.61	1.76	.29	.00	.00	.29	5.28

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.79	9.90	3.52	1.61	.15	.00	2.05	26.83
5 TO 9	28.59	9.97	6.60	.59	.00	.00	.29	46.04
10- UP	3.67	11.44	.44	.29	.15	.00	.15	16.13
TOTAL	42.96	30.21	10.56	2.49	.29	.00	2.49	89.00

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.73	.29	.15	.00	.00	.00	.15	1.32
5 TO 9	.00	.00	.00	.00	.00	.00	.15	.15
10- UP	.15	.00	.00	.00	.00	.00	.00	.15
TOTAL	.88	.29	.15	.00	.00	.00	.29	1.61

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.59	.88	.73	.00	.00	.00	3.23	14.42
5 TO 9	32.99	10.26	1.32	.00	.00	.00	2.93	47.51
10- UP	19.21	7.93	.73	.00	.00	.00	1.47	28.74
TOTAL	63.78	18.48	2.79	.00	.00	.00	7.67	92.67

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 1 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.73	.88	1.03	.59	.15	.00	.15	3.52
5 TO 9	.29	.59	.00	.00	.00	.00	.00	.88
10- UP	.00	.15	.00	.00	.00	.00	.15	.29
TOTAL	1.03	1.61	1.03	.59	.15	.00	.29	4.69

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.73	10.12	4.11	.59	.44	.00	3.96	30.94
5 TO 9	26.10	10.56	6.74	.44	.00	.00	.88	44.72
10- UP	2.79	10.56	.29	.15	.00	.00	.00	13.78
TOTAL	40.62	31.23	11.14	1.17	.44	.00	4.84	89.44

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.44	.29	.15	.00	.00	.00	.00	.88
5 TO 9	.00	.29	.00	.00	.00	.00	.15	.44
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	.44	.59	.15	.00	.00	.00	.15	1.32

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.73	.88	.15	.00	.00	.00	4.99	17.74
5 TO 9	34.46	7.62	.59	.00	.00	.00	3.52	46.19
10- UP	19.21	7.04	1.32	.15	.00	.00	1.17	28.89
TOTAL	65.40	15.54	2.05	.15	.00	.00	9.68	92.82

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 5.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 2 NUMBER OBS. 692

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	2.49	.59	.73	.29	.15	.00	.29	4.55
5 TO 9	.00	.59	.15	.00	.00	.00	.00	.73
10- UP	.15	.00	.00	.00	.00	.00	.00	.15
TOTAL	2.64	1.17	.88	.29	.15	.00	.29	5.43

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	13.97	9.65	3.37	1.61	.15	.00	3.37	32.11
5 TO 9	26.69	7.04	7.04	1.03	.00	.00	.73	42.52
10- UP	2.97	8.94	.44	.59	.00	.00	.00	12.90
TOTAL	43.55	25.46	10.85	3.23	.15	.00	4.11	87.54

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	1.47	.15	.15	.00	.00	.00	.15	1.91
5 TO 9	.00	.00	.00	.00	.00	.00	.15	.15
10- UP	.00	.00	.00	.00	.15	.00	.00	.15
TOTAL	1.47	.15	.15	.00	.15	.00	.29	2.20

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	12.61	1.61	.44	.00	.00	.00	5.57	20.23
5 TO 9	33.14	7.62	.15	.00	.00	.00	2.79	43.70
10- UP	18.19	5.72	1.03	.29	.00	.00	1.61	26.83
TOTAL	63.97	14.96	1.61	.29	.00	.00	9.97	90.76

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 3 NUMBER OBS. 692

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	1.76	1.17	.88	.15	.15	.00	.59	4.69
5 TO 9	.00	.44	.15	.00	.00	.00	.00	.59
10- UP	.00	.00	.15	.00	.00	.00	.00	.15
TOTAL	1.76	1.61	1.17	.15	.15	.00	.59	5.43

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	15.24	8.80	2.49	.73	.00	.00	4.69	32.55
5 TO 9	25.64	6.89	5.72	.73	.00	.00	.44	39.44
10- UP	3.79	8.21	.15	.29	.00	.00	.00	11.44
TOTAL	44.28	23.90	8.36	1.76	.00	.00	5.13	83.43

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	.73	.00	.00	.00	.00	.00	.15	.88
5 TO 9	.00	.00	.00	.00	.00	.00	.00	.00
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	.73	.00	.00	.00	.00	.00	.15	.88

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	15.54	1.47	.29	.15	.00	.00	7.48	24.93
5 TO 9	29.33	7.62	.59	.00	.00	.00	2.35	39.88
10- UP	17.39	4.84	.15	.15	.00	.00	.73	23.17
TOTAL	62.17	13.93	1.03	.29	.00	.00	10.56	87.98

TABLE 5.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 4 NUMBER OPS. 682

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	2.64	1.17	.29	.44	.15	.15	1.47	6.30
5 TO 9	.44	.15	.00	.15	.00	.00	.73	1.76
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	3.08	1.32	.29	.59	.15	.15	1.47	7.04

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	15.10	8.36	2.35	.88	.29	.00	3.37	30.35
5 TO 9	24.78	9.21	4.25	.44	.00	.00	.15	37.83
10- UP	2.93	8.50	.15	.00	.00	.00	.15	11.73
TOTAL	42.82	25.07	6.74	1.32	.29	.00	3.67	79.91

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	2.35	.44	.00	.00	.00	.00	.73	3.52
5 TO 9	.15	.15	.00	.00	.00	.00	.00	.29
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	2.49	.59	.00	.00	.00	.00	.73	3.81

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	13.05	1.91	.15	.00	.00	.00	6.30	21.41
5 TO 9	28.89	9.45	.29	.00	.00	.00	2.49	40.32
10- UP	14.52	3.96	.88	.15	.15	.00	1.76	21.41
TOTAL	56.45	14.52	1.32	.15	.15	.00	10.55	83.14

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 5 NUMBER OPS. 682

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	3.52	.44	.59	.00	.00	.00	1.17	5.72
5 TO 9	.59	.29	.00	.00	.00	.00	.00	.88
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	4.11	.73	.59	.00	.00	.00	1.17	6.60

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	17.01	5.87	2.05	.73	.00	.00	2.64	28.30
5 TO 9	22.58	9.72	5.72	.29	.00	.00	.44	38.42
10- UP	2.79	7.04	.44	.00	.00	.00	.00	10.26
TOTAL	42.39	22.29	8.21	1.03	.00	.00	3.08	76.98

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	1.91	.44	.00	.00	.00	.00	.88	3.23
5 TO 9	.29	.00	.00	.00	.00	.00	.00	.29
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	2.20	.44	.00	.00	.00	.00	.88	3.52

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	15.40	1.03	.15	.00	.00	.00	6.60	23.17
5 TO 9	24.34	7.18	.29	.00	.00	.00	3.67	35.48
10- UP	16.42	3.52	.15	.00	.00	.00	1.17	21.26
TOTAL	56.16	11.73	.59	.00	.00	.00	11.44	79.91

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 5.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 6 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.23	.88	.73	.44	.15	.00	2.49	7.92
5 TO 9	.59	.00	.00	.00	.00	.00	.00	.59
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	3.81	.88	.73	.44	.15	.00	2.49	8.50

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.08	4.55	2.05	1.32	.15	.00	3.52	25.66
5 TO 9	21.99	7.04	6.74	.73	.00	.00	.29	36.80
10- UP	2.20	9.82	.59	.15	.00	.00	.00	12.76
TOTAL	38.27	21.41	9.39	2.20	.15	.00	3.81	75.22

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.93	.29	.00	.00	.00	.00	1.17	4.40
5 TO 9	.15	.00	.00	.00	.00	.00	.00	.15
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	3.08	.29	.00	.00	.00	.00	1.17	4.55

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.76	1.17	.00	.00	.00	.00	7.04	20.97
5 TO 9	22.29	7.48	.15	.00	.00	.00	1.76	31.67
10- UP	18.91	4.55	.88	.15	.00	.00	2.05	26.54
TOTAL	53.96	13.20	1.03	.15	.00	.00	10.85	79.18

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 7 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.91	.29	.59	.44	.29	.00	1.61	5.13
5 TO 9	.44	.44	.00	.15	.15	.00	.15	1.32
10- UP	.00	.00	.15	.00	.00	.00	.00	.15
TOTAL	2.35	.73	.73	.59	.44	.00	1.76	6.60

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.54	4.40	3.67	1.61	.15	.00	4.55	24.93
5 TO 9	17.16	7.62	7.62	2.20	.00	.00	.44	35.04
10- UP	1.76	11.73	1.17	.73	.00	.15	.00	15.54
TOTAL	29.47	23.75	12.46	4.55	.15	.15	4.99	75.51

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.05	.00	.00	.00	.00	.00	1.03	3.08
5 TO 9	.15	.29	.00	.00	.00	.00	.00	.44
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	2.20	.29	.00	.00	.00	.00	1.03	3.52

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.41	1.03	.15	.15	.00	.00	5.57	17.30
5 TO 9	21.85	7.08	.44	.15	.00	.00	1.32	26.83
10- UP	21.26	9.65	1.47	.44	.00	.00	2.49	34.31
TOTAL	53.52	12.76	2.05	.73	.00	.00	9.38	78.45

TABLE 5.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 8 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.49	1.32	1.91	1.32	.44	.00	1.61	9.09
5 TO 9	.44	.29	.00	.15	.00	.00	.15	1.03
10- UP	.00	.29	.44	.15	.00	.00	.00	.88
TOTAL	2.93	1.91	2.35	1.61	.44	.00	1.76	11.00

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.68	3.96	2.49	2.79	.59	.00	6.01	25.51
5 TO 9	11.29	9.76	7.48	1.91	.00	.15	.59	29.77
10- UP	.77	9.09	2.49	1.17	.15	.00	.00	17.64
TOTAL	21.70	21.41	12.46	5.87	.77	.15	6.60	68.91

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.79	.15	.00	.00	.00	.00	1.07	3.96
5 TO 9	.59	.15	.00	.00	.00	.00	.15	.88
10- UP	.15	.44	.00	.00	.00	.00	.00	.59
TOTAL	3.52	.73	.00	.00	.00	.00	1.17	5.43

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.73	1.17	.00	.44	.00	.00	5.28	18.62
5 TO 9	15.10	3.23	1.03	.15	.15	.00	1.91	21.55
10- UP	21.41	6.45	2.79	1.03	.00	.00	2.64	34.31
TOTAL	48.24	10.85	3.81	1.61	.15	.00	9.83	74.49

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 9 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.16	1.47	2.93	1.61	.29	.00	2.35	14.81
5 TO 9	.88	.29	.00	.29	.00	.00	.15	1.61
10- UP	.44	.44	.00	.00	.00	.00	.00	.88
TOTAL	7.48	2.20	2.93	1.91	.29	.00	2.49	17.30

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.12	4.69	4.55	1.91	.73	.15	4.99	27.13
5 TO 9	8.65	5.87	7.48	1.32	.15	.00	.15	23.31
10- UP	.59	7.73	1.61	1.76	.15	.15	.00	11.58
TOTAL	19.35	17.60	13.64	4.99	1.03	.29	5.13	67.02

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.48	.15	.00	.00	.00	.00	2.35	9.97
5 TO 9	.59	.59	.00	.00	.00	.00	.73	1.91
10- UP	.59	.59	.15	.00	.00	.00	.00	1.32
TOTAL	8.65	1.32	.15	.00	.00	.00	3.08	13.20

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.09	1.03	.00	.00	.00	.00	3.81	13.93
5 TO 9	12.32	3.67	1.76	.00	.00	.00	1.47	19.21
10- UP	17.30	8.80	3.08	.59	.00	.00	2.49	32.26
TOTAL	38.71	13.49	4.84	.59	.00	.00	7.77	65.40

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 5.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 10 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.94	2.64	2.05	1.17	.73	.00	3.37	19.91
5 TO 9	1.91	1.47	.44	.73	.00	.15	.00	4.69
10- UP	.15	.73	.29	.15	.00	.00	.00	1.32
TOTAL	11.00	4.84	2.79	2.05	.73	.15	3.37	24.93

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.94	5.57	4.11	3.08	.29	.00	3.37	25.37
5 TO 9	6.89	6.01	8.21	2.05	.15	.00	.15	23.46
10- UP	.88	6.60	1.32	1.76	.29	.15	.00	11.00
TOTAL	16.73	18.18	13.64	6.89	.73	.15	3.52	59.82

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.80	.59	.00	.00	.00	.00	5.13	14.52
5 TO 9	3.08	.44	.00	.00	.00	.00	.59	4.11
10- UP	.88	.73	.15	.00	.00	.00	.44	2.20
TOTAL	12.76	1.76	.15	.00	.00	.00	6.16	20.82

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.65	.44	.59	.15	.15	.00	2.64	12.61
5 TO 9	12.61	2.64	1.17	.29	.00	.00	.59	17.30
10- UP	18.91	9.53	2.20	.88	.15	.00	1.91	33.58
TOTAL	40.18	12.61	3.96	1.32	.29	.00	5.13	63.49

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 11 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.38	4.11	2.35	2.05	.73	.15	2.64	21.41
5 TO 9	2.35	1.76	1.03	.15	.00	.00	.29	5.57
10- UP	.29	.44	.73	.15	.00	.00	.15	1.76
TOTAL	12.02	6.30	4.11	2.35	.73	.15	3.08	29.74

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.89	7.18	3.81	2.49	.00	.00	3.96	24.34
5 TO 9	6.60	4.69	8.06	3.08	.15	.00	.15	22.73
10- UP	.29	9.06	2.05	1.91	.29	.15	.00	12.76
TOTAL	13.78	19.94	13.93	7.48	.44	.15	4.11	59.82

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.85	1.17	.15	.15	.00	.00	4.55	16.96
5 TO 9	3.08	1.61	.15	.00	.00	.00	.88	5.72
10- UP	.88	.29	.00	.00	.00	.00	.73	1.91
TOTAL	14.81	3.08	.29	.15	.00	.00	6.16	24.49

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.60	1.47	.44	.73	.15	.00	1.91	11.29
5 TO 9	10.70	3.81	1.17	.15	.00	.00	.73	16.57
10- UP	19.06	10.12	2.05	1.47	.15	.00	1.91	34.75
TOTAL	36.36	15.40	3.67	2.35	.29	.00	4.55	62.61

TABLE 5.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 12 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.09	4.25	2.49	3.08	1.17	.15	3.08	23.71
5 TO 9	2.79	2.05	.29	.59	.15	.00	.15	6.01
10- UP	.29	.00	.44	.29	.00	.00	.00	1.03
TOTAL	12.17	6.30	3.23	7.96	1.32	.15	3.23	30.75

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.50	6.89	4.11	2.30	.44	.00	1.91	24.05
5 TO 9	7.18	5.13	7.92	2.93	.00	.15	.15	23.46
10- UP	.73	8.76	2.93	2.35	.44	.15	.00	14.96
TOTAL	16.42	20.78	14.96	7.48	.88	.29	2.05	62.46

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.58	1.91	.44	.00	.00	.00	2.93	16.86
5 TO 9	3.08	1.17	.00	.00	.00	.00	1.61	5.87
10- UP	.59	.73	.00	.00	.00	.00	.44	1.76
TOTAL	15.25	3.81	.44	.00	.00	.00	4.98	24.49

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.16	2.20	.29	.58	.00	.00	2.49	12.02
5 TO 9	11.77	7.81	1.17	.29	.00	.00	.88	17.89
10- UP	16.77	12.02	3.52	2.05	.15	.00	1.32	37.83
TOTAL	34.69	18.04	4.98	3.23	.15	.00	4.69	67.74

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 13 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.92	2.93	3.23	2.35	.59	.44	2.05	19.50
5 TO 9	1.61	2.35	1.17	.88	.00	.00	.00	6.01
10- UP	.29	.00	.88	.73	.00	.00	.00	1.91
TOTAL	9.82	5.28	5.28	3.96	.59	.44	2.05	27.42

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.77	6.89	4.55	2.79	1.17	.00	2.35	25.51
5 TO 9	6.16	3.37	8.21	3.52	.29	.00	.15	21.70
10- UP	2.35	8.50	3.96	2.93	.73	.29	.00	18.77
TOTAL	16.28	18.77	16.72	9.24	2.20	.29	2.49	65.98

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.92	1.91	.00	.00	.00	.00	2.35	12.17
5 TO 9	2.79	1.32	.00	.00	.00	.00	1.47	5.57
10- UP	.88	.15	.00	.00	.00	.00	.44	1.47
TOTAL	11.59	3.37	.00	.00	.00	.00	4.25	19.21

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.77	3.23	.29	1.32	.15	.00	2.49	15.25
5 TO 9	7.77	4.11	2.35	.88	.15	.00	.73	15.98
10- UP	19.79	13.20	4.69	1.76	.44	.00	2.49	42.38
TOTAL	35.34	20.53	7.33	3.96	.73	.00	5.72	73.61

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 5.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 14 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.43	.79	3.96	7.56	1.03	.29	1.61	19.62
5 TO 9	2.49	1.1	.44	.88	.15	.00	.15	5.28
10- UP	.29	.7[illegible]	.15	1.61	.00	.00	.00	3.20
TOTAL	8.21	4.11	4.55	6.01	1.17	.29	1.76	24.10

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.77	4.74	3.81	7.23	1.76	.15	2.20	25.66
5 TO 9	4.25	3.23	9.82	4.11	.00	.00	.59	21.99
10- UP	.44	10.26	5.28	4.25	.73	.29	.00	21.26
TOTAL	12.46	20.23	18.91	11.58	2.49	.44	2.79	68.91

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.30	3.05	.15	.00	.00	.00	2.05	10.56
5 TO 9	2.20	1.47	.00	.00	.00	.00	.73	4.40
10- UP	.44	.15	.00	.00	.00	.00	.44	1.03
TOTAL	8.94	3.67	.15	.00	.00	.00	3.27	15.98

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.74	1.76	.15	.59	.88	.00	2.49	12.61
5 TO 9	8.06	4.99	2.35	.88	.15	.00	.44	16.86
10- UP	25.22	14.81	5.57	3.05	.29	.00	1.17	49.12
TOTAL	40.03	21.55	8.04	4.52	1.32	.00	4.11	78.59

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 15 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.25	3.08	3.96	3.96	1.32	.15	1.47	18.18
5 TO 9	2.49	1.03	.73	1.47	.29	.00	.15	6.16
10- UP	.00	.59	.88	1.17	.00	.00	.00	2.64
TOTAL	6.74	4.69	5.57	6.60	1.61	.15	1.61	26.98

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.40	3.52	4.25	7.96	1.61	.00	.73	18.48
5 TO 9	3.08	2.20	10.85	6.30	.44	.00	.00	22.97
10- UP	.73	11.29	6.45	5.13	.88	.44	.00	24.93
TOTAL	8.21	17.01	21.55	15.40	2.93	.44	.73	66.28

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.11	1.32	.15	.00	.00	.00	1.47	7.04
5 TO 9	2.79	1.17	.00	.15	.00	.00	.44	4.55
10- UP	.29	.29	.00	.00	.00	.00	.29	.88
TOTAL	7.18	2.79	.15	.15	.00	.00	2.20	12.46

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.55	1.72	.59	1.47	.59	.15	1.32	9.97
5 TO 9	4.55	3.52	3.08	1.47	.15	.00	.29	13.05
10- UP	26.83	17.60	5.28	3.67	.29	.00	4.11	57.77
TOTAL	35.93	22.43	8.94	6.60	1.03	.15	5.72	80.79

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 5.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 16 NUMBER OBS. 692

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	4.11	2.79	6.01	4.30	1.47	.44	.88	21.99	7.61	2.79	2.64	4.11	1.03	.29	1.47	16.13
5 TO 9	1.47	.73	1.76	.29	.00	.15	.15	5.13	1.91	1.91	3.80	2.76	.44	.15	.00	21.55
10- UP	.44	.44	.73	.29	.15	.15	.00	2.20	.88	12.61	8.65	5.57	1.03	.15	.00	28.89
TOTAL	6.01	3.96	8.50	4.43	1.61	.73	1.03	29.33	6.60	17.30	20.09	19.04	2.49	.59	1.47	66.57

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	2.93	1.03	.29	.15	.00	.00	1.30	5.72	4.11	1.03	1.03	1.03	.00	.15	1.91	9.24
5 TO 9	2.35	.59	.00	.00	.00	.00	.59	3.52	3.53	3.81	4.11	1.17	.30	.15	.59	13.74
10- UP	.15	.15	.15	.00	.00	.00	.00	.44	27.42	20.53	7.77	3.23	.59	.00	4.11	63.64
TOTAL	5.13	1.76	.44	.15	.00	.00	2.20	9.68	35.04	25.37	12.90	5.43	.59	.29	6.60	86.22

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 17 NUMBER OBS. 692

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	3.08	2.93	6.30	4.16	1.74	.44	.88	21.55	2.05	1.17	3.81	4.25	1.32	.29	.44	13.34
5 TO 9	1.03	1.17	1.61	.88	.29	.29	.00	5.28	1.32	1.61	10.24	9.82	.15	.00	.00	23.17
10- UP	.15	.44	1.61	.44	.15	.00	.00	2.79	.59	13.44	9.38	5.57	.73	.15	.00	30.06
TOTAL	4.25	4.55	9.53	7.48	2.20	.73	.88	29.62	3.96	16.42	23.45	19.65	2.20	.44	.44	66.57

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	2.20	.73	.29	.29	.00	.00	.88	4.40	1.91	1.76	1.17	1.76	.15	.15	1.17	8.06
5 TO 9	1.32	.59	.00	.00	.00	.00	.44	2.35	1.32	4.40	5.43	.73	.15	.00	.00	12.02
10- UP	.15	.00	.00	.15	.00	.00	.29	.59	30.65	21.70	7.48	2.93	1.03	.00	4.99	68.77
TOTAL	3.67	1.32	.29	.44	.00	.00	1.61	7.33	33.87	27.86	14.08	5.43	1.32	.15	6.16	88.86

TABLE 5.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 18 NUMBER OBS. 692

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.61	3.08	9.24	6.51	1.47	.15	.44	21.99
5 TO 9	.44	1.32	2.05	.73	.00	.00	.15	4.69
10- UP	.15	.59	.59	.29	.00	.00	.00	1.61
TOTAL	2.20	4.99	11.88	7.04	1.47	.15	.59	28.30

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.07	2.49	5.87	3.67	1.17	.59	.29	15.10
5 TO 9	.59	1.76	15.98	7.77	.44	.00	.00	26.54
10- UP	1.07	15.54	7.48	3.08	.29	.00	.15	27.57
TOTAL	2.64	19.79	29.33	14.52	1.91	.59	.44	69.21

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.17	.29	.15	.59	.00	.00	.73	2.93
5 TO 9	1.17	.15	.00	.00	.00	.00	.59	1.91
10- UP	.00	.15	.15	.15	.00	.00	.29	.73
TOTAL	2.35	.59	.29	.73	.00	.00	1.61	5.57

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.17	1.17	1.91	.29	.15	.00	.44	5.13
5 TO 9	3.08	5.57	6.60	.73	.15	.00	.29	16.42
10- UP	32.11	21.85	9.24	1.91	.29	.00	4.99	70.38
TOTAL	36.36	28.59	17.74	2.93	.59	.00	5.72	91.94

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 19 NUMBER OBS. 692

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.05	4.11	7.62	2.93	.44	.00	.00	17.16
5 TO 9	.29	1.76	1.76	.15	.00	.00	.15	4.11
10- UP	.29	.29	.29	.29	.00	.00	.00	1.17
TOTAL	2.64	6.16	9.68	3.37	.44	.00	.15	22.43

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.47	7.33	8.80	3.96	1.03	.15	.15	22.87
5 TO 9	1.76	10.26	17.74	3.37	.15	.00	.15	33.43
10- UP	.88	15.69	2.49	1.17	.15	.00	.00	20.38
TOTAL	4.11	33.28	29.03	8.50	1.32	.15	.29	76.69

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.47	.15	.29	.15	.00	.00	.73	2.79
5 TO 9	.29	.15	.29	.00	.00	.00	.44	1.17
10- UP	.00	.00	.00	.00	.00	.00	.15	.15
TOTAL	1.76	.29	.59	.15	.00	.00	1.32	4.11

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.17	2.49	2.05	.29	.15	.00	.29	6.45
5 TO 9	9.32	9.24	4.11	.29	.15	.00	1.03	24.63
10- UP	36.51	16.28	4.69	.59	.00	.00	5.57	63.64
TOTAL	47.51	28.01	10.85	1.17	.29	.00	6.89	94.72

TABLE 5.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 20 NUMBER OBS. 692

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	1.61	1.23	4.25	1.61	.44	.15	.15	11.44	2.49	13.03	5.72	2.93	.44	.15	.59	26.25
5 TO 9	.15	1.76	.73	.29	.00	.00	.00	2.93	9.09	13.20	15.54	1.61	.00	.15	.00	39.59
10- UP	.15	.44	.29	.15	.00	.00	.00	1.03	1.91	13.34	1.17	.73	.00	.15	.00	17.30
TOTAL	1.91	3.43	5.28	2.05	.44	.15	.15	15.40	13.49	40.47	22.43	5.28	.44	.44	.59	83.14

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	1.32	.15	.44	.00	.00	.00	.15	2.05	2.35	3.44	1.61	.29	.15	.00	.15	7.18
5 TO 9	.00	.00	.15	.00	.00	.00	.15	.29	24.34	9.21	2.35	.29	.00	.00	1.61	36.80
10- UP	.00	.15	.00	.00	.00	.00	.15	.29	32.55	11.29	2.79	.58	.15	.00	3.96	51.61
TOTAL	1.32	.29	.59	.00	.00	.00	.44	2.44	59.24	22.14	6.74	1.47	.29	.00	5.72	95.60

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 21 NUMBER OBS. 692

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	1.32	2.93	1.76	1.03	.00	.00	.29	7.33	5.13	12.90	5.57	1.61	.44	.29	1.32	27.27
5 TO 9	.44	.59	.29	.15	.00	.15	.00	1.61	17.45	14.66	12.02	1.47	.29	.00	.15	46.04
10- UP	.00	.29	.44	.00	.00	.00	.00	.73	1.61	10.85	.59	.73	.00	.15	.15	14.08
TOTAL	1.76	3.81	2.49	1.17	.00	.15	.29	9.68	24.19	38.42	18.18	3.81	.73	.44	1.61	87.39

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	1.17	.29	.15	.15	.00	.00	.00	1.76	6.16	2.64	.59	.44	.00	.00	1.32	11.14
5 TO 9	.00	.00	.00	.00	.00	.00	.00	.00	30.65	6.60	1.47	.15	.00	.00	3.08	41.94
10- UP	.00	.00	.00	.00	.00	.00	.15	.15	30.06	7.62	1.76	.15	.15	.00	2.20	41.94
TOTAL	1.17	.29	.15	.15	.00	.00	.15	1.91	66.86	16.86	3.81	.73	.15	.00	6.60	95.01

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 5.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 22 NUMBER OPS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.03	1.03	.73	.73	.00	.15	.29	7.96
5 TO 9	.15	.73	.00	.15	.00	.15	.00	1.17
10- UP	.00	.29	.00	.15	.00	.00	.00	.44
TOTAL	1.17	2.05	.73	1.03	.00	.29	.29	5.57

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.89	11.73	4.11	1.61	.73	.00	2.64	27.71
5 TO 9	23.02	13.20	9.38	1.03	.00	.00	.59	47.21
10- UP	2.35	11.73	.44	.15	.15	.00	.00	14.81
TOTAL	32.26	36.66	13.93	2.79	.88	.00	3.23	89.74

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.88	.29	.00	.29	.00	.00	.29	1.76
5 TO 9	.15	.00	.00	.00	.00	.00	.00	.15
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	1.03	.29	.00	.29	.00	.00	.29	1.91

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.21	.88	.29	.15	.00	.00	2.35	11.88
5 TO 9	33.58	6.16	.59	.15	.00	.00	2.49	42.96
10- UP	26.98	7.73	1.61	.15	.29	.00	2.20	38.56
TOTAL	68.77	14.37	2.49	.44	.29	.00	7.04	93.40

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF MAY

HOUR 23 NUMBER OPS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.32	.59	1.03	.59	.15	.15	.15	7.96
5 TO 9	.15	.59	.15	.00	.00	.00	.00	.88
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	1.47	1.17	1.17	.59	.15	.15	.15	4.84

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.04	11.58	3.52	1.91	.59	.15	2.93	27.71
5 TO 9	27.42	12.76	7.48	1.17	.00	.00	.44	49.27
10- UP	2.64	8.80	.73	.15	.15	.00	.15	12.61
TOTAL	37.10	33.14	11.73	3.23	.73	.15	3.52	89.59

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.44	.44	.00	.00	.00	.00	.15	1.03
5 TO 9	.00	.15	.00	.00	.00	.00	.00	.15
10- UP	.00	.00	.00	.00	.00	.00	.15	.15
TOTAL	.44	.59	.00	.00	.00	.00	.29	1.32

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.65	[illegible]	.44	.00	.00	.00	2.20	13.05
5 TO 9	34.31	[illegible]	.59	.00	.00	.00	4.55	48.24
10- UP	21.55	[illegible]	1.91	.29	.15	.00	2.20	31.82
TOTAL	64.52	[illegible]	2.93	.29	.15	.00	8.94	93.11

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 5.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF MAY

*** RUNWAY 17 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	5.34	2.69	2.64	2.84	51.43
03-05	7.78	4.41	3.38	4.70	53.49
06-08	9.69	6.31	3.38	6.91	38.98
09-11	19.48	11.89	7.59	15.57	32.16
12-14	20.41	9.64	10.77	13.36	38.66
15-17	15.32	7.88	7.44	11.07	26.07
18-20	12.78	3.28	9.50	4.20	43.21
21-23	6.02	2.30	3.72	2.46	56.30
00-23	12.10	6.05	6.05	7.21	37.62

*** RUNWAY 35 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	8.27	3.23	5.04	28.57	5.68
03-05	11.85	4.55	7.29	23.02	9.09
06-08	12.92	4.26	8.66	15.96	11.82
09-11	19.73	9.94	9.79	25.25	6.14
12-14	21.83	11.55	10.28	33.86	15.60
15-17	14.88	7.93	6.95	23.72	10.44
18-20	12.48	9.25	3.23	39.21	4.23
21-23	8.47	4.50	3.96	40.89	4.46
00-23	13.80	6.90	6.90	27.71	9.19

5.4A

*** RUNWAY 22 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	1.91	.83	1.08	.85	62.86
03-05	4.36	2.79	1.57	2.87	57.14
06-08	6.41	4.65	1.76	4.87	39.56
09-11	12.63	8.17	4.45	10.15	22.92
12-14	11.16	3.57	7.59	4.45	38.37
15-17	6.12	1.91	4.21	2.11	43.43
18-20	2.10	.44	1.66	.46	41.98
21-23	1.81	.88	.93	.90	55.88
00-23	5.81	2.91	2.91	3.16	36.65

*** RUNWAY 4 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	6.02	2.25	3.77	28.57	4.09
03-05	10.67	3.87	6.80	23.80	8.12
06-08	10.38	2.89	7.49	12.83	9.67
09-11	9.99	5.38	4.60	14.93	7.20
12-14	11.70	8.03	3.67	30.20	5.00
15-17	7.54	5.63	1.91	38.59	2.23
18-20	2.30	1.66	.64	28.81	.68
21-23	5.14	2.15	2.99	35.48	3.18
00-23	7.97	3.98	3.98	23.48	4.80

TABLE 5.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF MAY

*** RUNWAY 17 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 6	> 8	TOTAL
00-02	2.58	.21	.05	2.84
03-05	4.13	.57	.00	4.70
06-08	5.68	1.02	.21	6.91
09-11	12.43	2.95	.19	15.57
12-14	10.71	2.51	.54	13.36
15-17	8.29	2.19	.55	11.03
18-20	3.58	.56	.06	4.20
21-23	1.83	.52	.10	2.46
00-23	5.79	1.22	.20	7.21

*** RUNWAY 35 ***

GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
19.91	8.23	.43	28.57
15.59	6.44	.99	23.02
12.11	3.30	.55	15.96
17.79	5.85	1.62	25.25
21.23	9.33	3.30	33.86
14.49	6.73	2.49	23.72
25.93	12.03	1.24	39.21
24.89	14.22	1.78	40.89
18.37	7.64	1.74	27.71

5.4B

*** RUNWAY 22 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 6	> 8	TOTAL
00-02	.75	.05	.05	.85
03-05	2.57	.30	.00	2.87
06-08	3.74	.87	.26	4.87
09-11	8.08	2.07	.00	10.15
12-14	3.54	.73	.18	4.45
15-17	1.46	.54	.11	2.11
18-20	.41	.05	.00	.46
21-23	.75	.05	.10	.90
00-23	2.53	.54	.09	3.16

*** RUNWAY 4 ***

GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
16.15	11.18	1.24	28.57
15.96	7.23	.60	23.80
9.35	3.04	.43	12.83
10.45	3.80	.68	14.93
16.39	10.68	3.13	30.20
15.77	13.42	9.40	38.59
10.17	14.41	4.24	28.83
19.35	14.52	1.61	35.48
13.38	7.83	2.27	23.48

TABLE 5.5. EDWARDS AFB HEADWIND COMPONENT CUMULATIVE PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF MAY

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 17 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 35 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	22.54	26.76	14.31	10.07	16.81	*	70.99	50.06	27.47	18.80	40.64
1- 2	27.46	34.25	21.78	12.67	24.42	*	79.20	60.72	40.71	30.32	51.70
2- 3	35.01	42.45	31.21	20.27	32.57	*	89.05	73.77	55.86	53.06	67.06
3- 4	42.34	49.04	38.20	26.71	39.44	*	93.80	82.29	70.71	70.12	78.58
4- 5	47.59	54.23	43.45	29.25	44.06	*	95.26	86.62	78.43	76.09	83.62
5- 6	54.39	59.92	49.39	31.92	49.47	*	96.35	90.59	83.86	80.61	87.52
6- 7	65.31	66.90	56.78	37.33	57.31	*	95.72	93.80	89.00	85.29	91.03
7- 8	72.43	73.37	63.50	49.71	63.54	*	98.54	94.92	91.71	88.34	93.18
8- 9	79.23	79.90	69.00	50.27	70.38	*	98.72	96.41	93.00	91.25	94.71
9-10	84.69	84.57	74.56	60.82	76.84	*	98.72	96.65	95.00	92.42	95.59
10-11	89.08	88.28	78.77	66.51	81.32	*	99.45	97.52	96.14	94.75	96.86
11-12	92.13	90.85	82.02	69.73	84.37	*	99.82	98.27	97.57	95.92	97.81
12-13	96.09	93.85	86.70	75.94	88.75	*	99.82	99.13	98.86	97.67	98.83
13-14	97.86	95.71	88.60	79.04	90.87	*	99.82	99.26	99.00	98.40	99.09
14-15	98.45	96.61	90.16	81.92	92.28	*	100.00	99.63	99.57	98.83	99.49
15-16	99.09	98.08	93.01	85.75	94.37	*	******	99.75	99.86	99.13	99.67
16-17	99.36	98.72	93.89	88.29	95.40	*	******	99.68	100.00	99.27	99.78
17-18	99.57	99.30	96.34	94.18	97.52	*	******	100.00	******	99.42	99.85
18-19	99.68	99.55	97.35	95.89	98.24	*	******	******	******	99.42	99.85
19-20	99.79	99.81	98.98	99.04	99.43	*	******	******	******	99.56	99.89
20-21	99.95	100.00	99.66	99.45	99.78	*	******	******	******	99.71	99.93
21-22	99.95	******	99.50	99.78	99.89	*	******	******	******	99.85	99.96
22-23	100.00	******	99.86	99.86	99.94	*	******	******	******	100.00	100.00
23-24	******	******	100.00	100.00	100.00	*	******	******	******	******	******
NOBS	1868	1562	1474	1460	6364	*	548	907	700	686	2741

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 5.5 (Concluded)

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF MAY

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 22 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 4 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	20.16	23.13	10.92	6.50	15.16	*	82.29	51.62	32.42	36.88	51.27
1- 2	23.80	26.35	14.52	8.02	18.14	*	88.98	62.97	43.96	47.18	61.46
2- 3	28.76	30.36	17.69	11.17	21.99	*	93.30	71.22	54.03	57.81	69.66
3- 4	33.67	33.45	22.09	13.39	25.66	*	95.90	79.46	66.85	66.45	77.90
4- 5	38.84	36.37	25.08	15.50	29.00	*	96.98	84.19	74.91	72.09	82.83
5- 6	43.65	39.34	27.82	17.51	32.18	*	96.98	88.38	80.77	81.73	87.32
6- 7	49.17	43.11	31.85	19.95	36.13	*	98.70	90.54	86.26	87.38	90.78
7- 8	55.[illegible]	47.48	36.42	23.14	40.73	*	96.70	92.30	89.56	89.70	92.63
8- 9	60.03	52.34	40.45	26.45	44.97	*	98.92	93.65	91.39	93.69	94.24
9-10	66.79	58.35	46.19	29.70	50.40	*	99.14	95.00	94.69	95.68	95.95
10-11	70.88	63.27	49.66	33.39	54.44	*	99.14	95.81	96.15	96.68	96.78
11-12	77.89	69.76	54.91	36.21	60.35	*	99.57	97.30	97.07	97.01	97.71
12-13	81.63	74.38	60.65	43.52	65.17	*	99.78	97.54	97.99	97.34	98.24
13-14	87.77	80.09	67.30	49.00	71.15	*	99.78	99.05	98.90	98.34	99.07
14-15	90.69	84.58	72.54	56.09	75.54	*	99.78	99.32	99.45	99.00	99.41
15-16	93.81	87.98	77.61	60.98	80.16	*	100.00	99.46	100.00	99.34	99.71
16-17	94.98	90.22	81.15	67.15	83.63	*	******	99.73	******	99.67	99.85
17-18	97.80	94.35	86.64	76.15	88.79	*	******	99.73	******	100.00	99.90
18-19	98.52	96.11	89.99	85.09	92.49	*	******	100.00	******	******	100.00
19-20	99.03	97.39	92.92	91.06	95.16	*	******	******	******	******	******
20-21	99.44	98.12	94.63	93.28	96.41	*	******	******	******	******	******
21-22	99.59	98.36	96.52	95.99	97.66	*	******	******	******	******	******
22-23	99.80	99.45	98.29	97.45	98.76	*	******	******	******	******	******
23-24	99.80	99.64	99.02	98.54	99.25	*	******	******	******	******	******
24-25	99.90	99.70	99.39	99.35	99.59	*	******	******	******	******	******
25-26	99.90	99.82	99.51	99.57	99.70	*	******	******	******	******	******
26-27	99.90	99.82	99.63	99.57	99.73	*	******	******	******	******	******
27-28	99.90	99.82	99.63	99.73	99.77	*	******	******	******	******	******
28-29	100.00	99.82	99.76	99.78	99.84	*	******	******	******	******	******
29-30	******	99.82	99.76	99.89	99.87	*	******	******	******	******	******
30-31	******	99.82	100.00	100.00	99.96	*	******	******	******	******	******
31-32	******	99.88	******	******	99.97	*	******	******	******	******	******
32-33	******	100.00	******	******	100.00	*	******	******	******	******	******
NOBS	1954	1647	1639	1845	7085	*	463	740	546	301	2050

TABLE 5.6. EDWARDS AFB BIVARIATE NORMAL STATISTICS (MAY, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 5/43 - 5/68
MONTH OF RECORD - 5,
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	3.73	1.72	3.85	2.53	3.38	.3460	713
1	5.95	1.40	5.42	3.36	8.59	.4711	715
2	3.64	.28	5.94	4.65	6.26	.2272	697
3	3.39	.77	7.25	5.87	1.55	.0365	669
4	5.11	.87	8.21	7.61	3.75	.0600	645
5	7.49	.93	9.08	9.52	-.08	-.0009	631
6	9.74	.73	10.25	11.33	-1.76	-.0091	624
7	12.42	.80	11.56	13.81	-.91	-.0057	577
8	14.46	.70	13.07	15.47	-.70	-.0035	574
9	16.69	.69	14.11	16.61	3.95	.0168	572
10	18.69	1.22	14.35	16.85	7.19	.0297	566
11	20.33	2.16	13.93	16.37	15.87	.0696	565
12	21.31	2.90	13.20	14.74	18.36	.0944	565
13	20.58	3.33	11.01	12.47	15.87	.1156	560
14	18.60	3.47	9.38	10.53	11.67	.1191	556
15	15.79	3.41	7.72	8.57	4.70	.0710	548
16	12.83	3.41	6.76	7.19	1.98	.0285	543
17	9.28	2.99	5.75	6.03	-2.16	-.0624	539
18	5.70	2.29	4.87	4.62	.92	.0411	522
19	2.38	1.27	4.04	3.57	1.21	.0839	513
20	-.03	.45	3.71	2.95	.38	.0346	504
21	-1.22	-.05	3.77	2.92	-.54	-.0493	481
22	-2.42	-.05	3.88	2.53	1.53	.1556	472
23	-2.58	-.15	3.98	2.48	.90	.0912	457
24	-2.48	-.43	4.54	2.72	1.46	.1185	427
25	-2.15	-.51	5.09	2.98	.75	.0509	420
26	-1.63	-.34	5.94	2.80	1.81	.1088	408
27	-1.27	-.09	6.39	3.17	3.18	.1570	376

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

ORIGINAL PAGE IS OF POOR QUALITY

JUNE

PRECEDING PAGE BLANK NOT FILMED

TABLE 6.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF JUNE

RUNWAY 17 - 35

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	48.84	29.24	10.45	2.98	.45	.00	9.03	1980
03-05	49.80	24.85	7.47	2.63	.20	.00	15.05	1980
06-08	35.20	24.34	11.31	4.24	.66	.25	23.99	1980
09-11	28.74	23.28	14.90	6.01	1.21	.30	25.56	1980
12-14	25.81	24.95	19.85	11.11	2.42	.30	15.56	1980
15-17	10.76	23.19	31.16	23.94	3.99	1.01	5.96	1980
18-20	6.72	34.29	39.09	15.76	2.37	.40	1.34	1980
21-23	36.06	38.79	16.57	3.79	.45	.10	4.24	1980
00-23	30.24	27.87	16.85	6.81	1.47	.30	12.47	15840

6.1A

****

RUNWAY 22 - 4

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	72.17	14.95	1.26	.35	.00	.00	11.26	1980
03-05	63.69	13.84	1.11	.30	.10	.00	20.96	1980
06-08	59.14	11.67	1.26	.20	.10	.05	27.58	1980
09-11	53.94	13.38	1.92	.51	.30	.05	29.90	1980
12-14	53.28	20.40	4.60	2.02	.59	.15	19.04	1980
15-17	43.18	28.79	11.16	3.79	1.31	.05	11.72	1980
18-20	51.72	27.88	10.76	2.27	.40	.05	6.92	1980
21-23	71.57	16.16	2.27	.25	.05	.00	9.70	1980
00-23	58.59	12.38	4.29	1.21	.35	.04	17.17	15840

6.1B

****

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	76.72	5.96	1.16	.30	.00	.00	15.86	1980
03-05	69.09	4.55	.91	.40	.00	.00	25.05	1980
06-08	58.43	6.77	1.11	.20	.10	.05	33.33	1980
09-11	50.86	11.31	1.82	.56	.25	.00	35.20	1980
12-14	52.53	16.87	4.49	1.82	.40	.10	23.79	1980
15-17	43.18	27.63	10.81	3.64	.86	.05	13.84	1980
18-20	52.37	27.58	10.40	1.92	.40	.05	7.27	1980
21-23	75.96	9.75	1.87	.25	.05	.00	12.12	1980
00-23	59.89	13.80	4.07	1.14	.26	.03	20.81	15840

6.1C

PRECEDING PAGE BLANK NOT FILMED

TABLE 6.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF JUNE

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	2.73	.51	.05	1980	26.52	54.95	12.12
03-05	2.88	.40	.20	1980	27.76	46.62	12.22
06-08	3.48	.45	.25	1980	24.90	39.55	14.65
09-11	14.60	2.68	.56	1980	25.76	25.66	12.42
12-14	17.07	3.99	1.06	1980	25.66	27.33	19.70
15-17	16.46	4.14	1.41	1980	19.28	25.51	30.81
18-20	15.45	2.93	.40	1980	21.21	35.05	23.94
21-23	4.14	.45	.00	1980	26.11	57.94	13.94
00-23	9.60	1.94	.49	15840	24.46	38.06	17.47

6.2A

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	.56	.10	.10	1980	16.97	52.37	26.77
03-05	1.01	.00	.15	1980	22.12	47.98	27.48
06-08	2.42	.10	.20	1980	18.23	30.51	31.67
09-11	13.13	2.83	.56	1980	13.99	19.39	31.57
12-14	12.02	3.74	.81	1980	13.48	19.19	41.11
15-17	4.29	1.62	.15	1980	8.08	15.56	66.72
18-20	1.06	.75	.00	1980	5.05	23.64	69.89
21-23	.56	.05	.00	1980	10.86	49.24	37.73
00-23	4.39	1.10	.25	15840	13.60	31.50	40.99

6.2B

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 6.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 0 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.45	.61	.45	.30	.00	.00	.15	1.97
5 TO 9	.15	.30	.00	.00	.00	.00	.00	.45
10- UP	.00	.15	.00	.00	.00	.00	.00	.15
TOTAL	.61	1.06	.45	.30	.00	.00	.15	2.58

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.58	11.97	2.88	1.06	.15	.00	2.88	26.52
5 TO 9	35.30	12.42	5.76	1.06	.00	.00	[illegible]	55.45
10- UP	2.88	9.79	.76	.76	.15	.00	[illegible]	13.33
TOTAL	45.76	33.18	9.39	2.88	.30	.00	3.79	95.30

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.15	.00	.00	.00	.00	.00	.00	.15
5 TO 9	.15	.00	.00	.00	.00	.00	.00	.15
10- UP	.15	.00	.00	.00	.00	.00	.00	.15
TOTAL	.45	.00	.00	.00	.00	.00	.00	.45

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.30	.61	.15	.00	.00	.00	2.58	13.64
5 TO 9	44.09	8.33	.15	.00	.00	.00	3.64	56.21
10- UP	19.85	5.61	1.06	.00	.00	.00	1.06	27.58
TOTAL	74.24	14.55	1.36	.00	.00	.00	7.27	97.42

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 1 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.76	.30	.15	.61	.30	.00	.30	2.42
5 TO 9	.15	.00	.45	.00	.00	.00	.00	.61
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	.91	.30	.61	.61	.30	.00	.30	3.03

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.36	9.64	2.12	1.06	.15	.00	3.33	26.67
5 TO 9	36.82	10.30	7.73	.91	.00	.00	.45	56.21
10- UP	2.88	7.73	.45	.30	.00	.00	.00	11.36
TOTAL	51.06	24.67	10.30	2.27	.15	.00	3.79	94.24

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.30	.15	.00	.00	.00	.00	.15	.61
5 TO 9	.00	.00	.00	.00	.00	.00	.00	.00
10- UP	.00	.00	.00	.00	.00	.00	.15	.15
TOTAL	.30	.15	.00	.00	.00	.00	.30	.76

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.88	1.67	.15	.00	.00	.00	3.33	18.03
5 TO 9	39.85	8.48	.30	.00	.00	.00	3.18	51.82
10- UP	18.33	4.85	.91	.61	.00	.00	1.97	26.67
TOTAL	71.06	15.00	1.36	.61	.00	.00	8.48	96.52

TABLE 6.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 2 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.52	.91	.76	.00	.15	.00	.45	7.79
5 TO 9	.00	.15	.15	.15	.00	.00	.00	.45
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	1.52	1.06	.91	.15	.15	.00	.45	4.24

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.70	7.58	2.88	.45	.45	.00	5.30	26.36
5 TO 9	33.64	10.91	6.52	1.21	.00	.00	.91	53.18
10- UP	3.33	6.97	.30	1.06	.00	.00	.00	11.67
TOTAL	46.67	25.45	9.70	2.73	.45	.00	6.21	91.21

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.91	.00	.00	.00	.00	.00	.00	.91
5 TO 9	.15	.00	.00	.00	.00	.00	.00	.15
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	1.06	.00	.00	.00	.00	.00	.00	1.06

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.39	1.52	.00	.00	.00	.00	3.33	19.24
5 TO 9	37.77	7.58	.45	.30	.00	.00	3.03	49.09
10- UP	17.27	6.06	.61	.15	.00	.00	1.97	26.06
TOTAL	69.39	15.15	1.06	.45	.00	.00	8.33	94.39

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 3 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.30	.45	.30	.76	.15	.00	.45	2.42
5 TO 9	.00	.45	.00	.00	.00	.00	.00	.45
10- UP	.00	.00	.00	.30	.00	.00	.00	.30
TOTAL	.30	.91	.30	1.06	.15	.00	.45	3.18

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.73	6.97	1.82	.61	.30	.00	4.09	26.52
5 TO 9	34.39	10.45	5.45	.91	.00	.00	.45	51.67
10- UP	3.03	8.64	.15	.30	.00	.00	.00	12.12
TOTAL	50.15	26.06	7.42	1.82	.30	.00	4.55	90.30

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.30	.00	.00	.00	.00	.15	.45	1.21
5 TO 9	.00	.00	.00	.00	.00	.00	.00	.00
10- UP	.00	.00	.00	.00	.00	.00	.15	.15
TOTAL	.30	.00	.00	.00	.00	.00	.30	.61

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.73	1.67	.00	.00	.00	.00	4.39	18.79
5 TO 9	36.36	9.09	.30	.00	.30	.00	3.03	49.09
10- UP	16.52	4.70	1.21	.45	.00	.00	2.12	25.00
TOTAL	65.61	15.45	1.52	.45	.30	.00	9.55	92.88

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 6.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 4 NUMBER OPS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.91	.30	.30	.61	.00	.00	.45	2.58
5 TO 9	.00	.15	.00	.15	.00	.00	.00	.30
10- UP	.00	.00	.15	.00	.00	.00	.00	.15
TOTAL	.91	.45	.45	.76	.00	.00	.45	3.03

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.36	5.61	1.67	.91	.00	.00	3.18	27.73
5 TO 9	31.52	9.64	5.15	.61	.00	.00	.76	46.67
10- UP	3.03	8.64	.45	.61	.00	.00	.00	12.73
TOTAL	50.91	22.88	7.27	2.12	.00	.00	3.94	87.12

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.76	.00	.00	.00	.00	.00	.15	.91
5 TO 9	.00	.00	.00	.00	.00	.00	.00	.00
10- UP	.00	.00	.00	.00	.00	.00	.15	.15
TOTAL	.76	.00	.00	.00	.00	.00	.30	1.06

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.03	2.12	.00	.00	.00	.00	8.64	23.79
5 TO 9	32.73	6.21	.61	.15	.00	.00	2.58	42.27
10- UP	16.97	4.55	.61	.15	.00	.00	.76	23.03
TOTAL	62.73	12.88	1.21	.30	.00	.00	11.97	89.09

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 5 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.67	.45	.45	.30	.00	.00	.76	3.64
5 TO 9	.15	.15	.00	.15	.00	.00	.00	.45
10- UP	.00	.15	.00	.00	.00	.00	.00	.15
TOTAL	1.82	.76	.45	.45	.00	.00	.76	4.24

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.91	6.67	1.67	.15	.15	.00	3.18	27.73
5 TO 9	26.06	8.79	4.85	1.06	.00	.00	.76	41.52
10- UP	3.33	8.03	.00	.45	.00	.00	.00	11.82
TOTAL	45.30	23.48	6.52	1.67	.15	.00	3.94	81.06

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.52	.15	.00	.00	.00	.00	1.67	3.64
5 TO 9	.00	.00	.00	.00	.00	.00	.00	.00
10- UP	.15	.00	.00	.00	.00	.00	.00	.15
TOTAL	1.67	.15	.00	.00	.00	.00	.00	1.82

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.06	1.76	.00	.00	.00	.00	6.36	23.79
5 TO 9	26.52	3.33	.15	.00	.00	.00	2.27	37.27
10- UP	17.42	3.33	.45	.15	.00	.00	1.06	22.42
TOTAL	60.00	13.03	.61	.15	.00	.00	9.70	83.48

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 6.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 6 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.36	.45	.15	.00	.15	.00	.91	3.03
5 TO 9	.00	.00	.30	.00	.00	.00	.00	.30
10- UP	.00	.15	.00	.00	.00	.00	.00	.15
TOTAL	1.36	.61	.45	.00	.15	.00	.91	3.48

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.67	5.76	1.06	.91	.00	.15	6.52	26.67
5 TO 9	26.67	8.94	5.61	1.21	.00	.00	.15	42.58
10- UP	3.03	9.48	.91	.30	.00	.00	.00	12.73
TOTAL	41.97	27.18	7.58	2.42	.00	.15	6.67	81.97

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.67	.15	.00	.00	.00	.00	.30	2.12
5 TO 9	.00	.00	.00	.00	.00	.00	.00	.00
10- UP	.15	.00	.00	.00	.00	.00	.00	.15
TOTAL	1.82	.15	.00	.00	.00	.00	.30	2.27

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.48	.91	.15	.00	.00	.00	6.36	20.91
5 TO 9	28.94	5.76	.15	.00	.00	.00	1.97	36.82
10- UP	17.58	5.30	.15	.30	.00	.00	2.12	25.45
TOTAL	60.00	11.97	.45	.30	.00	.00	10.45	83.18

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 7 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.21	.15	.30	.45	.15	.00	.45	2.73
5 TO 9	.30	.00	.00	.00	.00	.00	.00	.30
10- UP	.00	.00	.15	.00	.00	.00	.15	.15
TOTAL	1.52	.15	.45	.45	.15	.00	.45	3.18

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.74	4.55	1.97	1.06	.45	.00	5.45	24.24
5 TO 9	21.52	7.88	8.48	1.97	.15	.00	.15	40.15
10- UP	1.52	12.42	1.36	.91	.45	.00	.00	16.67
TOTAL	33.79	24.85	11.82	3.94	1.06	.00	5.61	81.06

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.76	.30	.00	.00	.00	.00	.61	1.67
5 TO 9	.00	.15	.00	.00	.00	.00	.00	.15
10- UP	.00	.15	.00	.00	.00	.00	.00	.15
TOTAL	.76	.61	.00	.00	.00	.00	.61	1.97

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.06	.15	.00	.00	.00	.00	6.97	18.18
5 TO 9	22.42	4.85	.30	.00	.00	.00	1.97	29.55
10- UP	24.24	6.52	.91	.30	.00	.00	2.59	34.55
TOTAL	57.73	11.52	1.21	.30	.00	.00	11.52	82.27

TABLE 6.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 8 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.27	.45	.76	.00	.00	.15	1.06	4.70
5 TO 9	.30	.15	.00	.00	.00	.30	.00	.76
10- UP	.15	.15	.00	.15	.00	.00	.00	.45
TOTAL	2.73	.76	.76	.15	.00	.45	1.06	5.91

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.59	5.61	1.06	2.27	.45	.15	6.36	23.48
5 TO 9	16.06	8.03	9.55	1.97	.00	.00	.30	35.91
10- UP	.76	9.85	2.27	1.52	.15	.00	.00	14.55
TOTAL	24.39	23.48	12.88	5.76	.61	.15	6.67	73.94

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.67	.30	.15	.00	.00	.00	1.36	3.48
5 TO 9	.00	.00	.00	.00	.00	.00	.15	.15
10- UP	.00	.15	.15	.00	.00	.00	.00	.30
TOTAL	1.67	.45	.30	.00	.00	.00	1.52	3.94

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.21	.30	.00	.00	.00	.00	4.09	15.61
5 TO 9	20.30	3.18	.45	.00	.00	.00	1.21	25.15
10- UP	23.94	6.82	1.36	.00	.30	.15	2.42	35.00
TOTAL	55.45	10.30	1.82	.00	.30	.15	7.73	75.76

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 9 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.85	1.76	.30	.61	.00	.00	2.12	9.24
5 TO 9	.30	.76	.30	.30	.00	.00	.00	1.67
10- UP	.30	.00	.00	.15	.15	.00	.00	.61
TOTAL	5.45	2.12	.61	1.06	.15	.00	2.12	11.52

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.55	4.85	4.09	1.52	.45	.15	5.30	25.91
5 TO 9	10.00	9.24	7.27	1.82	.00	.00	.15	28.48
10- UP	.15	9.33	1.82	1.82	.30	.00	.00	12.42
TOTAL	19.70	22.42	13.18	5.15	.76	.15	5.45	66.82

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.21	.00	.00	.00	.00	.00	2.58	8.79
5 TO 9	.45	.00	.00	.00	.00	.00	.45	.91
10- UP	.00	.15	.15	.00	.00	.00	.30	.61
TOTAL	6.67	.15	.15	.00	.00	.00	3.33	10.30

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.39	1.52	.15	.00	.00	.00	3.94	15.00
5 TO 9	15.76	2.58	.15	.30	.00	.15	1.67	20.61
10- UP	21.06	7.58	1.52	.00	.00	.00	2.12	32.27
TOTAL	46.21	11.67	1.82	.30	.00	.15	7.73	67.89

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 6.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 10 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.24	1.67	1.82	.30	.30	.15	3.18	16.67
5 TO 9	2.52	.45	.30	.00	.15	.00	.15	2.58
10- UP	.15	.00	.15	.45	.15	.00	.00	.91
TOTAL	10.91	2.12	2.27	.76	.61	.15	3.33	20.15

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.55	6.21	2.55	1.52	.45	.15	3.79	24.24
5 TO 9	8.33	6.67	8.79	1.82	.15	.00	.45	25.76
10- UP	.61	5.91	2.12	1.21	.45	.15	.00	10.45
TOTAL	18.48	18.79	13.03	4.55	1.06	.30	4.24	60.45

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.61	.76	.00	.00	.00	.00	3.33	14.70
5 TO 9	1.36	.00	.00	.00	.00	.00	.45	1.82
10- UP	.15	.15	.00	.00	.00	.00	.30	.61
TOTAL	12.12	.91	.00	.00	.00	.00	4.09	17.12

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.94	1.52	.15	.00	.15	.00	3.48	14.24
5 TO 9	14.70	3.03	.30	.15	.30	.00	.91	19.39
10- UP	19.64	6.67	1.06	.61	.15	.00	2.73	29.85
TOTAL	42.27	11.21	1.52	.76	.61	.00	7.12	63.48

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 11 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.55	3.79	.61	.76	.00	.15	3.03	17.88
5 TO 9	2.12	.91	.30	.15	.15	.00	.15	3.79
10- UP	.00	.15	.00	.00	.00	.00	.00	.15
TOTAL	11.67	4.85	.91	.91	.15	.15	3.18	21.82

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.61	7.88	3.64	1.97	.45	.00	2.58	27.12
5 TO 9	5.09	3.64	7.88	2.12	.00	.00	.00	22.73
10- UP	.45	8.48	3.18	1.52	.45	.15	.15	14.39
TOTAL	20.15	20.00	14.70	5.61	.91	.15	2.73	64.24

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.67	.76	.00	.00	.00	.00	3.48	15.91
5 TO 9	3.64	.76	.00	.00	.00	.00	1.36	5.76
10- UP	.00	.15	.00	.00	.00	.00	.30	.45
TOTAL	15.30	1.67	.00	.00	.00	.00	5.15	22.12

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.12	1.52	.45	.00	.00	.00	3.64	12.73
5 TO 9	13.03	3.94	.30	.15	.00	.00	.76	18.18
10- UP	19.09	9.09	1.52	.30	.30	.00	2.27	32.58
TOTAL	39.24	14.55	2.27	.45	.30	.00	6.67	63.48

TABLE 6.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 12 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.18	7.18	2.58	1.36	.30	.00	2.88	19.48
5 TO 9	2.27	.76	.76	.15	.15	.00	.15	4.24
10- UP	.00	.15	.15	.15	.15	.00	.15	.76
TOTAL	10.45	4.09	3.48	1.67	.61	.00	3.18	23.48

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.70	6.82	3.94	2.73	.45	.00	2.58	26.21
5 TO 9	7.88	3.33	8.33	1.52	.00	.00	.30	21.36
10- UP	1.06	8.33	3.48	2.73	.76	.00	.15	16.52
TOTAL	18.64	18.48	15.76	6.97	1.21	.00	3.03	64.09

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.27	1.67	.00	.00	.00	.00	1.52	15.45
5 TO 9	2.42	.76	.00	.00	.00	.00	1.06	4.24
10- UP	.30	.15	.30	.00	.00	.00	.45	1.21
TOTAL	15.00	2.58	.30	.00	.00	.00	3.03	20.91

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.48	1.67	.30	.15	.00	.00	2.12	12.73
5 TO 9	11.97	3.45	1.36	.00	.30	.00	.61	17.73
10- UP	20.45	9.70	2.12	.91	.15	.00	2.27	35.61
TOTAL	40.91	14.85	3.79	1.06	.45	.00	5.00	66.06

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 13 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.12	2.42	2.42	1.97	.61	.00	3.03	17.58
5 TO 9	1.97	.76	.45	.45	.00	.15	.30	4.09
10- UP	.00	.15	.30	.00	.15	.00	.00	.61
TOTAL	9.09	3.33	3.18	2.42	.76	.15	3.33	22.27

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.64	7.58	3.64	1.82	.76	.00	2.88	25.30
5 TO 9	7.12	5.91	7.88	3.18	.15	.15	.15	24.55
10- UP	.91	10.30	4.39	2.58	1.06	.00	.15	19.39
TOTAL	16.67	23.79	15.91	7.58	1.97	.15	3.18	69.24

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.88	.76	.15	.00	.00	.00	3.33	12.12
5 TO 9	1.82	1.36	.00	.00	.00	.00	.76	3.94
10- UP	.15	.15	.00	.00	.00	.00	.30	.61
TOTAL	9.85	2.27	.15	.00	.00	.00	4.39	16.67

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.33	1.67	.45	.15	.00	.00	2.88	13.48
5 TO 9	13.64	4.24	1.52	.30	.00	.15	.91	20.76
10- UP	20.91	12.58	2.27	1.82	.15	.00	2.42	40.15
TOTAL	42.88	18.48	4.24	2.27	.15	.15	6.21	74.39

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 6.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 14 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.70	2.42	2.73	2.42	.45	.30	2.12	15.15
5 TO 9	1.52	.76	.30	.45	.45	.00	.15	3.64
10- UP	.45	.15	.30	.45	.15	.30	.00	1.82
TOTAL	6.67	3.33	3.33	3.33	1.06	.61	2.27	20.61

RUNWAY 25

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.94	6.82	4.70	1.82	.61	.00	2.58	25.45
5 TO 9	6.97	7.79	8.18	4.85	.15	.00	.15	24.09
10- UP	.76	11.52	5.15	4.85	.91	.00	.00	23.18
TOTAL	16.67	22.12	18.03	11.52	1.67	.00	2.73	72.73

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.61	1.36	.00	.15	.00	.00	1.36	8.48
5 TO 9	1.52	1.06	.15	.00	.00	.00	.30	3.03
10- UP	.00	.30	.15	.00	.00	.00	.15	.61
TOTAL	7.12	2.73	.30	.15	.00	.00	1.82	12.12

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.79	1.97	.15	.45	.30	.00	2.58	14.24
5 TO 9	11.34	3.66	1.97	.45	.15	.00	1.52	19.09
10- UP	23.94	14.70	2.88	1.67	.45	.30	3.64	47.58
TOTAL	44.09	20.30	5.00	2.58	.91	.30	7.73	80.91

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 15 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.15	2.88	3.64	2.73	.76	.30	1.06	16.52
5 TO 9	1.21	.91	.61	1.36	.30	.00	.00	4.85
10- UP	.15	.00	.61	.76	.15	.15	.00	1.82
TOTAL	6.52	3.79	4.85	4.85	1.21	.45	1.06	23.73

RUNWAY 25

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.09	5.45	6.21	1.52	1.06	.30	2.27	20.91
5 TO 9	5.30	3.18	9.24	4.97	.45	.00	.30	23.45
10- UP	1.67	12.12	6.82	5.45	1.21	.00	.00	27.27
TOTAL	11.06	20.76	22.27	13.94	2.73	.30	2.58	73.64

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.55	.45	.30	.00	.00	.00	1.06	6.36
5 TO 9	1.36	.45	.30	.00	.00	.00	.15	2.27
10- UP	.15	.00	.00	.00	.00	.00	.15	.30
TOTAL	6.06	.91	.61	.00	.00	.00	1.36	8.94

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.52	1.21	.45	.76	.61	.00	1.67	11.21
5 TO 9	9.24	4.70	2.42	1.21	.30	.00	.61	18.48
10- UP	28.18	18.64	4.39	1.52	.61	.15	3.79	57.27
TOTAL	43.94	24.55	7.27	3.48	1.52	.15	6.06	86.97

TABLE 6.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 16 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.12	1.82	5.00	3.79	1.21	.76	.76	15.45
5 TO 9	1.06	.61	.76	.91	.15	.30	.45	4.24
10- UP	.15	.00	.30	.45	.00	.00	.00	.91
TOTAL	3.33	2.42	6.06	5.15	1.36	1.06	1.21	20.61

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.48	3.79	4.55	2.88	1.06	.00	1.21	16.97
5 TO 9	2.42	3.03	12.73	7.42	.00	.00	.15	25.76
10- UP	.15	14.24	9.70	6.97	1.67	.00	.00	32.73
TOTAL	6.06	21.06	26.97	17.27	2.73	.00	1.36	75.45

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.12	.61	.15	.00	.00	.00	.76	3.64
5 TO 9	.91	.30	.00	.15	.00	.00	.30	1.67
10- UP	.00	.00	.00	.00	.00	.00	.15	.15
TOTAL	3.03	.91	.15	.15	.00	.00	1.21	5.45

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.79	.91	.76	.45	.30	.00	1.52	7.73
5 TO 9	4.85	3.79	4.55	1.06	.00	.00	.30	14.55
10- UP	31.21	23.18	5.30	1.82	1.21	.00	5.45	68.18
TOTAL	39.85	27.88	10.61	3.33	1.52	.00	7.27	90.45

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 17 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.67	1.67	6.67	4.55	1.67	.30	.91	17.42
5 TO 9	.45	.15	.76	1.67	.00	.15	.00	3.79
10- UP	.00		.61	.61	.15	.00	.00	1.52
TOTAL	2.12	2.58	8.03	6.82	1.82	.45	.91	22.73

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.97	2.12	4.85	5.91	1.36	.76	.00	16.97
5 TO 9	1.21	1.67	12.42	9.85	.15	.00	.00	25.30
10- UP	.45	15.30	9.03	9.03	.61	.00	.00	32.42
TOTAL	3.64	19.09	25.30	23.79	2.12	.76	.00	74.70

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.36	.61	.45	.00	.00	.00	.45	2.88
5 TO 9	.15	.15	.00	.00	.00	.00	.61	.91
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	1.52	.76	.45	.00	.00	.00	1.06	3.79

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.21	1.06	.91	.76	.15	.00	1.21	5.30
5 TO 9	2.58	3.94	5.30	1.21	.30	.00	.30	13.64
10- UP	31.36	26.36	8.18	2.42	.45	.00	5.91	74.70
TOTAL	35.15	31.36	14.39	4.39	.91	.00	7.42	93.64

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 6.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 18 NUMBER OBS. 660

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	1.21	2.42	8.03	4.85	1.36	.00	.30	18.18
5 TO 9	.15	.91	1.21	1.82	.30	.00	4.70	
10- UP	.00	.00	.76	.15	.00	.00	.00	.91
TOTAL	1.36	3.33	10.00	6.82	1.67	.00	.30	23.79

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	.45	1.36	6.06	4.09	1.82	.00	.30	14.09
5 TO 9	.61	1.97	17.27	9.70	.00	.00	.15	29.70
10- UP	.00	18.48	6.[illegible]	5.00	.76	.00	.00	30.91
TOTAL	1.06	21.82	30.00	18.79	2.58	.00	.47	74.70

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	.76	.15	.15	.00	.00	.00	.30	1.36
5 TO 9	.45	.00	.00	.00	.00	.00	.30	.76
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	1.21	.15	.15	.00	.00	.00	.61	2.12

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	.76	1.06	1.67	.91	.00	.00	.15	4.55
5 TO 9	1.97	4.70	6.97	1.21	.00	.00	.00	14.85
10- UP	37.73	25.45	6.06	2.27	.45	.15	4.85	76.97
TOTAL	40.45	31.21	14.70	4.39	.45	.15	5.00	96.36

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 19 NUMBER OBS. 660

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	1.06	4.39	6.67	3.64	.91	.30	.15	17.12
5 TO 9	.00	1.52	.45	.61	.00	.00	.00	2.58
10- UP	.00	.00	.30	.00	.00	.00	.00	.30
TOTAL	1.06	5.91	7.42	4.24	.91	.30	.15	20.00

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	.30	5.15	11.21	4.24	1.06	.00	.15	22.12
5 TO 9	2.12	6.06	20.45	4.09	.15	.00	.00	32.88
10- UP	.45	18.79	3.48	1.36	.00	.00	.00	24.09
TOTAL	2.87	30.00	35.15	9.70	1.21	.00	.15	79.09

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	.76	.15	.00	.00	.00	.00	.15	1.06
5 TO 9	.30	.00	.00	.00	.00	.00	.00	.30
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	1.06	.15	.00	.00	.00	.00	.15	1.36

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	.91	1.52	1.36	.30	.00	.00	.15	4.24
5 TO 9	7.42	8.94	4.24	.00	.00	.00	.00	20.76
10- UP	39.24	20.76	5.30	1.67	.30	.00	5.45	72.73
TOTAL	47.58	31.21	10.91	1.97	.30	.00	5.76	97.73

TABLE 6.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 20 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.21	3.64	4.55	1.06	.15	.45	.00	11.06
5 TO 9	.00	1.06	.30	.15	.00	.00	.00	1.52
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	1.21	4.70	4.85	1.21	.15	.45	.00	12.58

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.73	11.52	9.24	3.18	.61	.15	.00	27.42
5 TO 9	8.79	12.73	18.94	2.12	.00	.00	.00	42.58
10- UP	1.06	12.88	1.67	1.21	.00	.00	.00	16.82
TOTAL	12.58	37.12	29.85	6.52	.61	.15	.00	86.82

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.45	.00	.15	.00	.00	.00	.15	.76
5 TO 9	.00	.00	.00	.00	.00	.00	.00	.00
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	.45	.00	.15	.00	.00	.00	.15	.76

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.27	2.73	.61	.00	.00	.00	.76	6.36
5 TO 9	22.27	7.88	2.88	.00	.00	.00	2.27	35.30
10- UP	39.85	10.30	2.88	.45	.45	.00	3.03	56.97
TOTAL	64.39	20.91	6.36	.45	.45	.00	6.06	98.64

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 21 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.76	2.58	1.82	.45	.15	.15	.00	5.91
5 TO 9	.00	.76	.00	.15	.00	.00	.00	.91
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	.76	3.33	1.82	.61	.15	.15	.00	6.82

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.15	14.85	5.45	1.52	.61	.00	1.06	28.64
5 TO 9	18.79	15.15	12.73	1.52	.00	.00	.61	48.79
10- UP	1.52	11.36	1.21	.45	.00	.00	.00	14.55
TOTAL	25.45	41.36	19.39	3.48	.61	.00	1.67	91.97

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.45	.00	.00	.00	.00	.00	.00	.45
5 TO 9	.15	.00	.00	.00	.00	.00	.00	.15
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	.61	.00	.00	.00	.00	.00	.00	.61

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.24	2.27	.15	.00	.00	.00	2.12	8.79
5 TO 9	35.00	6.67	1.06	.00	.00	.00	3.48	46.21
10- UP	29.85	8.03	1.67	.30	.15	.00	3.18	43.18
TOTAL	69.09	16.97	2.88	.30	.15	.00	8.79	98.18

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 6.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 22 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	1.06	1.67	.45	.76	.15	.00	.00	4.09	*	5.91	12.88	4.85	1.36	.15	.00	1.67	26.82
5 TO 9	.00	.15	.15	.00	.00	.00	.00	.30	*	26.97	12.73	10.15	1.52	.00	.15	.45	51.97
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	*	2.58	11.82	.45	.45	.00	.00	.00	15.30
TOTAL	1.06	1.82	.61	.76	.15	.00	.00	4.39	*	35.45	37.42	15.45	3.33	.15	.15	2.12	94.09

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	.45	.00	.00	.00	.00	.15	.61		*	5.76	1.97	.15	.00	.00	.00	2.88	10.76
5 TO 9	.00	.00	.00	.00	.00	.00	.00	.00	*	38.64	7.42	.91	.00	.00	.00	2.58	49.55
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	*	27.42	5.45	1.21	.45	.00	.00	3.03	37.58
TOTAL	.45	.00	.00	.00	.00	.00	.15	.61	*	71.82	14.85	2.27	.45	.00	.00	8.48	97.88

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JUNE

HOUR 23 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	.45	.61	.91	.30	.00	.00	.15	2.42	*	6.34	8.94	2.73	1.82	.30	.00	2.73	22.88
5 TO 9	.00	.00	.00	.00	.00	.00	.00	.00	*	35.30	15.15	8.18	.76	.00	.00	1.36	60.76
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	*	3.33	7.73	.61	.30	.00	.00	.00	11.97
TOTAL	.45	.61	.91	.30	.00	.00	.15	2.42	*	45.00	31.82	11.52	2.88	.30	.00	4.09	95.61

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	.45	.00	.00	.00	.00	.00	.15	.61	*	10.30	1.06	.00	.00	.00	.00	1.67	13.03
5 TO 9	.00	.00	.00	.00	.00	.00	.00	.00	*	40.91	8.18	.30	.00	.00	.00	2.58	51.97
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	*	21.06	7.42	1.36	.00	.00	.00	2.58	32.42
TOTAL	.45	.00	.00	.00	.00	.00	.15	.61	*	72.27	16.67	1.67	.00	.00	.00	6.82	97.42

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 6.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF JUNE

*** RUNWAY 17 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	4.25	2.27	2.02	2.30	61.54
03-05	4.15	2.13	2.02	2.20	56.82
06-08	7.03	4.86	2.18	5.07	51.61
09-11	20.23	12.09	8.14	14.71	45.74
12-14	17.80	8.80	9.00	11.29	40.63
15-17	13.20	6.78	6.42	8.70	29.13
18-20	12.09	3.19	8.90	3.92	47.44
21-23	4.96	1.77	3.19	1.85	70.79
00-23	10.46	5.23	5.24	5.54	43.58

*** RUNWAY 35 ***

PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
7.78	2.88	4.50	44.88	4.81
10.37	3.79	6.58	27.68	7.62
12.75	3.84	8.90	18.40	11.25
20.54	9.81	10.72	27.21	16.77
20.78	11.79	8.60	37.64	12.52
14.16	7.23	6.93	28.54	9.28
13.90	9.36	3.54	47.31	4.41
6.47	3.79	2.68	62.50	2.85
13.12	6.56	6.56	32.90	8.19

6.4A

*** RUNWAY 22 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	.86	.46	.40	.46	53.33
03-05	1.87	1.21	.66	1.23	56.52
06-08	5.21	3.95	1.26	4.06	46.30
09-11	14.42	8.95	5.46	10.72	33.13
12-14	12.24	4.15	8.09	4.97	49.08
15-17	4.10	.91	3.19	.97	52.50
18-20	1.11	.30	.81	.31	57.14
21-23	.96	.46	.51	.46	83.33
00-23	5.10	2.55	2.55	2.70	44.58

*** RUNWAY 4 ***

PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
4.70	1.62	3.09	41.56	3.21
9.10	2.93	6.17	25.66	6.97
10.47	2.68	7.79	13.77	9.67
11.33	5.36	5.97	15.34	9.18
13.35	10.17	3.19	38.88	4.32
5.92	4.50	1.42	47.09	1.57
2.23	1.42	.81	58.33	.83
2.78	1.26	1.52	58.14	1.55
7.49	3.74	3.74	27.21	4.34

TABLE 6.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF JUNE

*** RUNWAY 17 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	1.78	.42	.10	2.30
03-05	2.10	.10	.00	2.20
06-08	4.01	.90	.16	5.07
09-11	12.71	2.09	.31	14.71
12-14	8.83	2.08	.39	11.29
15-17	6.76	2.01	.32	9.09
18-20	3.24	.68	.00	3.92
21-23	1.64	.16	.05	1.85
00-23	4.79	.99	.16	5.94

*** RUNWAY 35 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	27.56	14.96	2.36	44.88
03-05	18.45	7.38	1.85	27.68
06-08	12.11	6.05	.24	18.40
09-11	20.90	5.33	.98	27.21
12-14	23.75	11.67	2.26	37.64
15-17	14.77	9.38	4.39	28.54
18-20	30.18	15.09	2.05	47.31
21-23	24.17	32.50	5.83	62.50
00-23	20.67	10.11	2.12	32.90

6.4B

*** RUNWAY 22 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	.41	.05	.00	.46
03-05	1.23	.00	.00	1.23
06-08	3.59	.42	.05	4.06
09-11	8.46	1.94	.12	10.72
12-14	3.69	1.09	.18	4.97
15-17	.70	.27	.00	.97
18-20	.26	.05	.00	.31
21-23	.36	.05	.05	.46
00-23	2.21	.44	.05	2.70

*** RUNWAY 4 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	24.68	14.29	2.60	41.56
03-05	19.03	6.64	.00	25.66
06-08	8.83	4.47	.52	13.77
09-11	10.47	4.63	.29	15.34
12-14	19.34	13.35	6.19	38.88
15-17	12.17	13.76	21.16	47.09
18-20	16.67	27.08	14.58	58.33
21-23	30.23	25.58	2.33	58.14
00-23	14.34	8.97	3.95	27.21

TABLE 6.5. EDWARDS AFB HEADWIND COMPONENT CUMULATIVE PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF JUNE

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 17 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 35 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	19.87	27.78	17.77	8.23	18.61	*	82.45	58.24	36.77	16.50	47.49
1- 2	24.20	35.65	5.75	11.98	24.52	*	88.70	70.81	51.29	29.03	59.42
2- 3	29.84	42.66	5.20	19.17	31.29	*	93.51	80.31	65.97	58.25	73.88
3- 4	38.64	48.19	40.01	23.64	37.81	*	94.95	87.43	75.87	72.17	83.06
4- 5	43.44	53.66	44.81	27.78	42.62	*	96.63	91.20	83.87	78.13	87.27
5- 6	51.40	60.48	50.26	31.74	46.77	*	97.12	93.99	87.90	82.70	90.38
6- 7	62.57	68.96	58.04	37.76	57.29	*	98.08	96.09	91.94	87.48	93.39
7- 8	71.38	75.23	64.20	43.85	64.22	*	98.32	97.35	94.19	88.47	94.68
8- 9	78.65	80.89	69.78	50.58	70.57	*	98.56	98.32	95.48	92.25	96.23
9-10	84.71	84.88	74.71	60.49	76.76	*	98.80	98.46	96.61	94.43	97.12
10-11	89.62	86.94	78.99	66.71	81.62	*	98.80	98.74	97.74	96.22	97.92
11-12	92.30	91.33	82.27	71.18	84.78	*	99.04	98.88	98.39	97.81	98.54
12-13	96.63	95.39	87.81	76.88	89.65	*	99.28	99.16	98.87	98.61	98.98
13-14	97.94	96.68	90.99	80.18	91.86	*	99.28	99.59	99.35	99.20	99.38
14-15	98.84	97.36	92.28	83.03	93.25	*	99.28	99.72	99.52	100.00	99.65
15-16	99.16	98.34	94.23	87.18	95.01	*	99.28	99.86	99.68	******	99.73
16-17	99.42	98.52	95.07	89.51	95.87	*	99.28	99.86	99.68	******	99.73
17-18	99.79	99.14	96.82	93.65	97.50	*	99.28	100.00	99.84	******	99.82
18-19	99.79	99.26	97.73	96.05	98.31	*	99.52	******	100.00	******	99.91
19-20	99.89	99.51	98.64	98.45	99.17	*	99.52	******	******	******	99.91
20-21	100.00	99.63	99.16	98.96	99.47	*	99.52	******	******	******	99.91
21-22	******	99.75	99.48	99.42	99.68	*	99.52	******	******	******	99.91
22-23	******	99.94	99.55	99.55	99.77	*	99.76	******	******	******	99.96
23-24	******	99.94	99.61	99.61	99.80	*	99.76	******	******	******	99.96
24-25	******	99.94	99.94	99.81	99.92	*	99.76	******	******	******	99.96
25-26	******	99.94	99.94	99.87	99.94	*	99.76	******	******	******	99.96
26-27	******	99.94	100.00	99.94	99.97	*	100.00	******	******	******	100.00
27-28	******	100.00	******	100.00	100.00	*	******	******	******	******	******
NOBS	1897	1627	1542	1544	6610	*	416	716	620	503	2255

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 6.5. (Concluded)

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF JUNE

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 22 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 4 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	18.48	24.74	14.71	4.73	15.46	*	87.11	58.97	42.59	43.46	58.65
1- 2	21.65	28.55	17.25	5.70	18.05	*	92.01	71.18	57.61	54.45	69.98
2- 3	25.39	32.12	20.75	8.23	21.37	*	95.62	79.97	46.67	63.87	77.79
3- 4	31.00	35.33	24.76	10.81	25.24	*	97.94	87.07	77.07	74.87	85.21
4- 5	36.09	38.96	27.72	12.42	28.60	*	98.45	90.35	82.66	81.68	88.95
5- 6	41.54	42.77	30.99	14.95	32.39	*	98.45	94.81	85.25	87.96	92.97
6- 7	47.40	45.86	34.56	17.20	36.13	*	98.97	96.60	91.91	92.15	95.20
7- 8	54.52	51.24	39.41	20.27	41.25	*	98.97	97.69	94.41	96.34	96.88
8- 9	60.54	55.72	44.19	24.53	46.16	*	98.97	97.84	96.34	97.91	97.66
9-10	67.45	62.19	50.73	26.98	52.24	*	98.97	98.41	96.92	98.43	98.10
10-11	71.34	66.73	54.18	33.06	56.27	*	98.97	98.70	97.50	98.43	98.38
11-12	77.47	72.60	60.17	36.33	62.04	*	98.97	98.85	99.27	98.95	98.72
12-13	81.00	76.47	64.95	43.27	66.30	*	98.97	98.99	99.04	99.48	99.05
13-14	87.54	82.27	70.70	49.19	72.37	*	99.23	99.42	99.81	100.00	99.55
14-15	91.28	86.21	75.85	55.48	77.11	*	99.23	99.42	99.81	******	99.55
15-16	94.13	89.78	80.21	62.47	81.57	*	99.23	99.42	99.81	******	99.55
16-17	95.59	92.01	83.41	67.26	84.49	*	99.23	99.71	99.81	******	99.67
17-18	96.88	94.37	87.05	75.91	88.51	*	99.48	99.71	100.00	******	99.78
18-19	98.03	96.07	90.44	85.01	91.36	*	99.48	99.71	******	******	99.78
19-20	98.81	97.16	93.64	90.11	94.96	*	99.48	99.86	******	******	99.83
20-21	99.33	96.19	95.16	93.39	96.53	*	99.74	99.86	******	******	99.89
21-22	99.48	98.55	96.49	95.86	97.62	*	99.74	100.00	******	******	99.94
22-23	99.79	98.97	97.64	97.37	98.44	*	99.74	******	******	******	99.94
23-24	99.90	99.27	98.31	98.44	99.00	*	99.74	******	******	******	99.94
24-25	99.95	99.64	98.73	98.92	99.32	*	99.74	******	******	******	99.94
25-26	100.00	99.70	99.46	99.35	99.63	*	99.74	******	******	******	99.94
26-27	******	99.76	99.88	99.46	99.77	*	99.74	******	******	******	99.94
27-28	******	99.82	99.88	99.89	99.90	*	99.74	******	******	******	99.94
28-29	******	99.88	100.00	99.95	99.95	*	100.00	******	******	******	100.00
29-30	******	99.88	******	99.95	99.96	*	******	******	******	******	******
30-31	******	100.00	******	100.00	100.00	*	******	******	******	******	******
NOBS	1926	1653	1652	1860	7091	*	788	694	519	191	1792

TABLE 6.6. EDWARDS AFB BIVARIATE NORMAL STATISTICS
(JUNE, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 6/43 - 6/67
MONTH OF RECORD - 6,
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	3.29	1.71	3.36	2.71	1.55	.1706	637
1	6.24	1.19	5.30	3.50	5.70	.3070	641
2	4.12	-.04	5.55	4.29	5.04	.2117	634
3	3.00	.90	6.23	5.32	3.77	.1138	613
4	4.37	1.38	6.98	6.48	-1.19	-.0264	608
5	6.14	1.44	7.96	7.63	-2.88	-.0474	596
6	7.80	1.49	8.90	9.13	1.00	.0123	588
7	9.20	1.34	9.93	10.58	1.27	.0121	549
8	10.67	1.51	10.98	11.99	4.02	.0305	542
9	12.23	1.69	11.87	13.56	17.53	.1089	537
10	13.61	1.83	12.47	14.24	21.32	.1201	527
11	15.53	2.28	12.70	14.70	32.16	.1723	523
12	17.16	2.91	12.60	14.59	37.30	.2028	522
13	17.61	3.47	11.71	13.94	42.59	.2609	516
14	16.64	3.29	10.23	11.63	25.55	.2148	514
15	13.35	2.94	8.54	9.25	11.73	.1484	511
16	9.58	2.47	7.27	6.96	-1.07	-.0212	506
17	5.31	1.87	5.80	5.25	-1.45	-.0476	501
18	.89	1.71	5.04	3.97	3.17	.1585	492
19	-2.34	1.26	4.47	3.05	2.02	.1493	492
20	-4.70	.77	3.80	2.78	2.36	.2231	482
21	-6.33	.39	3.86	2.78	2.32	.2163	470
22	-7.27	.11	3.89	2.49	1.55	.1598	469
23	-8.28	-.03	3.77	2.54	-.06	-.0083	456
24	-8.87	-.14	4.71	2.89	2.10	.1541	450
25	-8.95	-.02	4.72	2.52	-.03	-.0027	436
26	-9.16	.13	5.56	2.55	1.25	.0883	429
27	-9.56	.19	5.79	2.67	4.02	.2601	406

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

ORIGINAL PAGE IS
OF POOR QUALITY

JULY

PRECEDING PAGE BLANK NOT FILMED

TABLE 7.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF JULY

RUNWAY 17 - 35

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.	
	PERCENTAGES								
00-02	61.53	25.56	4.30	.39	.00	.00	8.21	2046	
03-05	60.51	17.30	2.88	.29	.00	.00	19.01	2046	
06-08	49.71	20.43	4.30	.73	.00	.00	24.83	2046	
09-11	36.75	23.02	8.70	1.03	.05	.00	30.45	2046	7.1A
12-14	32.62	29.44	15.16	4.99	.24	.00	17.56	2045	
15-17	12.17	30.94	31.52	20.09	1.17	.00	4.11	2046	
18-20	7.48	37.59	41.15	12.27	.54	.00	.98	2046	
21-23	41.59	40.18	12.90	.88	.10	.00	4.35	2046	
00-23	37.80	28.06	15.12	5.08	.26	.00	13.69	16367	

****

RUNWAY 22 - 4

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.	
	PERCENTAGES								
00-02	76.78	11.93	.29	.00	.00	.00	11.00	2046	
03-05	67.64	9.92	.20	.05	.00	.00	22.19	2046	
06-08	65.59	6.99	.15	.00	.00	.00	27.27	2046	
09-11	56.70	8.99	.49	.10	.00	.00	33.72	2046	7.1B
12-14	60.64	16.33	2.79	.24	.10	.00	19.90	2045	
15-17	55.96	25.81	6.40	1.96	.54	.00	9.34	2046	
18-20	59.87	23.90	6.69	1.37	.10	.00	7.87	2046	
21-23	75.46	12.32	.73	.15	.00	.00	11.34	2046	
00-23	64.83	14.52	2.24	.48	.09	.00	17.83	16367	

****

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.	
	PERCENTAGES								
00-02	80.55	3.08	.15	.00	.00	.00	16.23	2046	
03-05	68.33	1.91	.00	.05	.00	.00	29.72	2046	
06-08	61.88	2.05	.10	.00	.00	.00	35.97	2046	7.1C
09-11	52.49	5.82	.34	.05	.00	.00	41.30	2046	
12-14	60.88	11.49	1.96	.20	.00	.00	25.48	2045	
15-17	57.38	24.10	6.50	1.12	.05	.00	10.85	2046	
18-20	61.39	22.97	6.69	.49	.00	.00	8.26	2046	
21-23	78.98	6.70	.68	.00	.00	.00	13.64	2046	
00-23	65.23	9.76	2.08	.24	.01	.00	22.68	16367	

PRECEDING PAGE BLANK NOT FILMED

TABLE 7.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF JULY

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	1.37	.64	.10	2046	27.17	61.34	6.60
03-05	2.93	.39	.05	2046	34.02	48.04	4.01
06-08	4.89	.49	.00	2046	31.62	41.20	6.70
09-11	10.75	1.81	.05	2046	32.31	28.40	5.38
12-14	12.57	2.54	.54	2045	28.80	31.74	12.81
15-17	8.90	2.49	1.96	2046	18.28	36.31	29.86
18-20	8.94	2.35	1.08	2046	20.23	45.50	21.31
21-23	2.98	.20	.15	2046	30.84	56.94	6.94
00-23	6.67	1.36	.49	16367	27.91	43.69	11.70

7.2A

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	1.12	.44	.05	2046	21.07	61.44	13.10
03-05	1.96	.24	.05	2046	32.36	46.09	8.75
06-08	3.86	.54	.00	2046	28.89	37.10	14.47
09-11	11.29	1.37	.00	2046	22.04	26.64	17.20
12-14	9.54	1.96	.24	2045	21.37	25.62	30.17
15-17	3.13	1.42	.44	2046	9.38	15.35	68.04
18-20	.83	.15	.00	2046	4.99	25.86	67.60
21-23	.49	.24	.05	2046	13.34	56.24	24.68
00-23	4.03	.79	.10	16367	19.18	37.17	30.50

7.2B

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 7.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 0 NUMBER OBS. 692

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.29	.59	.44	.00	.00	.00	.00	1.32
5 TO 9	.29	.29	.00	.00	.00	.00	.00	.59
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	.59	.88	.44	.00	.00	.00	.00	1.91

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.39	9.53	.73	.29	.00	.00	4.55	24.49
5 TO 9	46.92	12.61	4.55	.15	.00	.00	.44	64.66
10- UP	1.32	5.28	.00	.00	.00	.00	.00	6.60
TOTAL	57.62	27.42	5.28	.44	.00	.00	4.99	95.75

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.15	.29	.00	.00	.00	.00	.29	.73
5 TO 9	.15	.15	.00	.00	.00	.00	.00	.29
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	.29	.44	.00	.00	.00	.00	.29	1.03

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.61	2.05	.15	.00	.00	.00	4.25	19.06
5 TO 9	50.44	7.77	.29	.00	.00	.00	3.37	61.88
10- UP	13.34	1.03	.15	.00	.00	.00	1.17	15.69
TOTAL	76.39	10.85	.59	.00	.00	.00	8.80	96.63

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 1 NUMBER OBS. 692

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.73	.29	.44	.00	.00	.00	.00	1.47
5 TO 9	.59	.15	.00	.00	.00	.00	.00	.73
10- UP	.15	.00	.00	.00	.00	.00	.00	.15
TOTAL	1.47	.44	.44	.00	.00	.00	.00	2.35

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.02	9.24	.88	.44	.00	.00	3.81	26.39
5 TO 9	46.63	10.70	2.20	.00	.00	.00	.88	60.41
10- UP	2.05	5.97	.00	.00	.00	.00	.15	8.06
TOTAL	60.70	25.91	3.08	.44	.00	.00	4.84	94.87

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.03	.15	.00	.00	.00	.00	1.17	2.61
5 TO 9	.15	.29	.00	.00	.00	.00	.44	1.03
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	1.17	.44	.00	.00	.00	.00	1.61	3.64

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.96	1.61	.15	.00	.00	.00	3.37	20.09
5 TO 9	50.89	8.94	.15	.00	.00	.00	2.64	62.61
10- UP	10.56	1.76	.00	.00	.00	.00	.59	12.90
TOTAL	76.39	12.32	.29	.00	.00	.00	6.60	95.60

TABLE 7.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 2 NUMBER OBS. 692

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.59	.29	.00	.00	.00	.00	.44	1.72
5 TO 9	.44	.15	.00	.00	.00	.00	.00	.59
10- UP	.15	.00	.00	.00	.00	.00	.00	.15
TOTAL	1.17	.44	.00	.00	.00	.00	.44	2.05

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.37	9.24	1.91	.15	.00	.00	4.99	30.65
5 TO 9	47.21	8.80	1.76	.15	.00	.00	1.03	58.94
10- UP	1.47	3.67	.00	.00	.00	.00	.00	5.13
TOTAL	63.05	21.70	3.67	.29	00	.00	6.01	94.72

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.03	.29	.00	.00	.00	.00	.15	1.47
5 TO 9	.29	.29	.00	.00	.00	.00	.00	.59
10- UP	.00	.15	.00	.00	.00	.00	.00	.15
TOTAL	1.32	.73	.00	.00	.00	.00	.15	2.20

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.60	1.76	.00	.00	.00	.00	4.69	24.05
5 TO 9	49.27	6.89	.00	.00	.00	.00	3.67	59.82
10- UP	7.92	2.35	.00	.00	.00	.00	.44	10.70
TOTAL	74.78	11.00	.00	.00	.00	.00	8.80	94.57

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 3 NUMBER OBS. 692

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.03	.59	.15	.00	.00	.00	.15	1.91
5 TO 9	.15	.15	.00	.00	.00	.00	.00	.29
10- UP	.00	.15	.00	.00	.00	.00	.00	.15
TOTAL	1.17	.88	.15	.00	.00	.00	.15	2.35

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.57	7.77	.88	.15	.00	.00	7.04	32.40
5 TO 9	42.52	8.80	2.05	.29	.00	.00	.44	54.11
10- UP	1.17	2.64	.00	.00	.00	.00	.00	3.81
TOTAL	60.26	19.21	2.93	.44	.00	.00	7.48	90.32

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.59	.73	.00	.00	.00	.00	.00	1.32
5 TO 9	.00	.00	.00	.00	.00	.00	.15	.15
10- UP	.15	.00	.00	.00	.00	.00	.00	.15
TOTAL	.73	.73	.00	.00	.00	.00	.15	1.61

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.79	3.08	.15	.00	.00	.00	6.16	29.18
5 TO 9	42.96	6.30	.15	.00	.00	.00	2.79	52.20
10- UP	7.92	1.03	.00	.00	.00	.00	.73	9.68
TOTAL	70.67	10.41	.29	.00	.00	.00	9.68	91.06

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 7.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 4 NUMBER OPS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.64	.15	.00	.00	.00	.00	.44	3.23
5 TO 9	.44	.00	.00	.00	.00	.00	.00	.44
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	3.08	.15	.00	.00	.00	.00	.44	3.67

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.65	7.73	.59	.00	.00	.00	6.89	34.46
5 TO 9	37.24	6.60	2.05	.15	.00	.00	1.32	47.36
10- UP	1.17	3.23	.00	.00	.00	.00	.00	4.40
TOTAL	58.06	17.16	2.64	.15	.00	.00	8.21	86.22

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.32	.59	.00	.00	.00	.00	.59	2.49
5 TO 9	.29	.00	.00	.00	.00	.00	.00	.29
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	1.61	.59	.00	.00	.00	.00	.59	2.79

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	21.99	2.05	.00	.00	.00	.00	7.77	31.82
5 TO 9	36.80	6.70	.15	.00	.00	.00	3.08	46.33
10- UP	7.04	1.72	.00	.00	.00	.00	.59	8.94
TOTAL	45.84	9.68	.15	.00	.00	.00	11.44	87.10

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 5 NUMBER OPS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.08	.29	.00	.00	.00	.00	.29	3.67
5 TO 9	.15	.00	.00	.15	.00	.00	.15	.44
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	3.23	.29	.00	.15	.00	.00	.44	4.11

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.97	6.60	.15	.00	.00	.00	7.49	35.19
5 TO 9	34.14	4.69	2.79	.00	.00	.00	1.03	42.67
10- UP	.59	2.93	.00	.15	.00	.00	.15	3.81
TOTAL	55.72	14.22	2.93	.15	.00	.00	8.65	81.67

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.76	.15	.00	.00	.00	.00	.15	2.05
5 TO 9	.00	.00	.00	.00	.00	.00	.29	.29
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	1.76	.15	.00	.00	.00	.00	.44	2.35

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	24.19	2.35	.00	.00	.00	.00	9.53	36.07
5 TO 9	31.38	5.28	.15	.15	.00	.00	2.79	39.74
10- UP	6.74	.59	.00	.00	.00	.00	.29	7.62
TOTAL	62.32	8.21	.15	.15	.00	.00	12.61	83.43

TABLE 7.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 6 NUMBER OBS. 692

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.52	.44	.00	.00	.00	.00	1.03	4.99
5 TO 9	.44	.00	.00	.00	.00	.00	.00	.44
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	3.96	.44	.00	.00	.00	.00	1.03	5.43

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.67	4.94	.44	.00	.00	.00	8.06	34.02
5 TO 9	30.94	6.45	1.76	.29	.00	.00	1.76	41.20
10- UP	1.03	3.08	.00	.00	.00	.00	.15	4.25
TOTAL	52.64	14.37	2.20	.29	.00	.00	9.97	79.47

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.79	.15	.00	.00	.00	.00	.73	3.67
5 TO 9	.44	.15	.00	.00	.00	.00	.15	.73
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	3.23	.29	.00	.00	.00	.00	.88	4.40

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	23.02	1.76	.00	.00	.00	.00	9.38	34.16
5 TO 9	30.79	4.69	.15	.00	.00	.00	2.20	37.83
10- UP	7.33	.88	.00	.00	.00	.00	.15	8.36
TOTAL	61.14	7.33	.15	.00	.00	.00	11.73	80.35

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 7 NUMBER OBS. 692

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.79	.29	.00	.00	.00	.00	1.17	4.25
5 TO 9	.44	.15	.00	.00	.00	.00	.00	.59
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	3.23	.44	.00	.00	.00	.00	1.17	4.84

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.89	4.94	.73	.15	.00	.00	6.89	30.50
5 TO 9	28.59	8.65	3.52	.29	.00	.00	1.17	42.23
10- UP	.44	8.21	.00	.00	.00	.00	.00	8.65
TOTAL	46.92	21.70	4.25	.44	.00	.00	8.06	81.38

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.64	.00	.00	.00	.00	.00	.44	3.08
5 TO 9	.29	.15	.00	.00	.00	.00	.15	.59
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	2.93	.15	.00	.00	.00	.00	.59	3.67

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.94	1.47	.00	.00	.00	.00	7.92	29.33
5 TO 9	29.47	4.25	.00	.00	.00	.00	2.93	36.66
10- UP	14.66	1.32	.00	.00	.00	.00	.59	16.57
TOTAL	64.08	7.04	.00	.00	.00	.00	11.44	82.55

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 7.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 8 NUMBER OBS. 692

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	2.64	.73	.15	.00	.00	.00	1.91	5.43
5 TO 9	.29	.00	.00	.00	.00	.00	.15	.44
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	2.93	.73	.15	.00	.00	.00	2.06	5.87

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	15.69	7.19	.73	.88	.00	.00	5.87	30.35
5 TO 9	23.46	10.12	5.28	.44	.00	.00	.88	40.18
10- UP	.44	6.70	.29	.15	.00	.00	.00	7.18
TOTAL	39.59	23.41	6.30	1.47	.00	.00	6.74	77.71

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	4.11	.00	.00	.00	.00	.00	.73	4.84
5 TO 9	.15	.15	.00	.00	.00	.00	.00	.29
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	4.25	.15	.00	.00	.00	.00	.73	5.13

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	15.40	1.03	.00	.00	.00	.00	6.74	23.17
5 TO 9	20.21	3.52	.15	.00	.00	.00	2.63	36.80
10- UP	15.54	1.47	.15	.00	.00	.00	1.32	18.48
TOTAL	51.14	6.01	.29	.00	.00	.00	11.00	78.45

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 9 NUMBER OBS. 692

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	4.11	1.61	.15	.00	.00	.00	1.47	7.33
5 TO 9	1.03	.44	.00	.00	.00	.00	.15	1.61
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	5.13	2.05	.15	.00	.00	.00	1.61	8.94

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	15.25	9.97	2.35	.29	.00	.00	6.30	34.16
5 TO 9	14.61	8.80	4.55	.29	.00	.00	.88	29.33
10- UP	.00	5.13	.00	.00	.00	.00	.00	5.13
TOTAL	30.06	23.90	6.89	.59	.00	.00	7.18	68.62

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	4.99	1.03	.00	.00	.00	.00	1.91	7.92
5 TO 9	.15	.00	.00	.00	.00	.00	.59	.73
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	5.13	1.03	.00	.00	.00	.00	2.49	8.65

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	14.22	1.32	.15	.00	.00	.00	7.04	22.73
5 TO 9	23.61	3.67	.00	.00	.00	.00	2.35	29.62
10- UP	12.46	3.08	.00	.00	.00	.00	1.03	16.57
TOTAL	50.29	8.06	.15	.00	.00	.00	10.41	68.91

TABLE 7.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 10 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.09	1.17	.73	.00	.00	.00	2.20	13.20
5 TO 9	1.03	.59	.00	.00	.00	.00	.00	1.61
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	10.12	1.76	.73	.00	.00	.00	2.20	14.81

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.81	7.62	1.91	.44	.15	.00	5.13	30.06
5 TO 9	13.78	6.01	6.45	.44	.00	.00	1.47	28.15
10- UP	.15	4.99	.00	.15	.00	.00	.15	5.43
TOTAL	28.74	18.62	8.36	1.03	.15	.00	6.74	63.64

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.21	.29	.00	.00	.00	.00	4.25	12.76
5 TO 9	1.03	.15	.00	.00	.00	.00	.29	1.47
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	9.24	.44	.00	.00	.00	.00	4.55	14.22

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.34	1.03	.15	.00	.00	.00	6.74	21.26
5 TO 9	20.82	3.37	.15	.00	.00	.00	2.20	26.54
10- UP	12.61	2.35	.15	.15	.00	.00	1.03	16.28
TOTAL	46.77	6.74	.44	.15	.00	.00	9.97	64.08

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 11 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.74	1.76	.29	.15	.00	.00	2.79	11.73
5 TO 9	1.91	.15	.15	.00	.00	.00	.00	2.20
10- UP	.00	.00	.15	.00	.00	.00	.00	.15
TOTAL	8.65	1.91	.59	.15	.00	.00	2.79	14.08

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.81	9.38	2.05	.59	.00	.00	5.87	32.70
5 TO 9	12.46	7.04	6.89	.73	.00	.00	.59	27.71
10- UP	.59	4.55	.44	.00	.00	.00	.00	5.57
TOTAL	27.86	20.97	9.38	1.32	.00	.00	6.45	65.98

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.97	1.32	.00	.00	.00	.00	1.91	13.20
5 TO 9	1.32	.29	.00	.00	.00	.00	.29	1.91
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	11.29	1.61	.00	.00	.00	.00	2.20	15.10

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.37	2.20	.29	.15	.00	.00	5.13	22.14
5 TO 9	19.21	3.52	.15	.00	.00	.00	.88	23.75
10- UP	13.78	3.37	.44	.00	.00	.00	1.17	18.77
TOTAL	47.36	9.09	.88	.15	.00	.00	7.18	64.66

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 7.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 12 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10T014	15T019	20T024	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.18	3.52	1.03	.59	.00	.00	2.93	15.25
5 TO 9	1.17	.59	.00	.00	.00	.00	.15	1.91
10- UP	.15	.29	.00	.15	.00	.00	.00	.59
TOTAL	8.50	4.40	1.03	.73	.00	.00	3.08	17.74

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	TO 9	10T014	15T019	20T024	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.78	10.85	2.05	.78	.00	.00	4.99	32.55
5 TO 9	13.05	5.57	5.87	1.76	.00	.00	.15	26.39
10- UP	1.17	6.60	.73	.59	.00	.00	.00	9.09
TOTAL	28.01	23.02	8.65	3.23	.00	.00	5.13	68.04

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10T014	15T019	20T024	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.21	1.17	.29	.00	.00	.00	2.49	12.17
5 TO 9	1.17	.29	.00	.00	.00	.00	.00	1.47
10- UP	.15	.15	.00	.00	.00	.00	.00	.29
TOTAL	9.53	1.61	.29	.00	.00	.00	2.49	13.93

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10T014	15T019	20T024	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.25	4.25	.00	.15	.00	.00	4.69	24.34
5 TO 9	19.35	4.99	.44	.00	.00	.00	2.05	26.83
10- UP	13.78	4.40	.73	.00	.00	.00	1.61	20.53
TOTAL	48.39	13.64	1.17	.15	.00	.00	8.36	71.70

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 13 NUMBER OBS. 681

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10T014	15T019	20T024	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.58	2.64	1.03	.44	.00	.00	1.76	11.45
5 TO 9	.73	1.62	.44	.00	.00	.00	.00	2.79
10- UP	.15	.15	.15	.00	.00	.00	.00	.44
TOTAL	6.46	4.41	1.62	.44	.00	.00	1.76	14.68

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10T014	15T019	20T024	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.45	9.66	1.91	.73	.15	.00	4.26	27.17
5 TO 9	13.95	7.78	10.57	1.91	.00	.00	.73	34.95
10- UP	1.03	7.34	1.47	1.17	.00	.00	.29	11.31
TOTAL	26.43	23.79	13.95	3.82	.15	.00	5.29	77.42

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10T014	15T019	20T024	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.29	1.32	.44	.00	.00	.00	1.32	8.37
5 TO 9	.29	.44	.00	.00	.00	.00	.73	1.47
10- UP	.15	.15	.00	.00	.00	.00	.00	.29
TOTAL	5.73	1.91	.44	.00	.00	.00	2.06	10.13

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10T014	15T019	20T024	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.86	3.82	1.03	.15	.00	.00	3.08	23.94
5 TO 9	18.94	4.11	1.17	.00	.00	.00	.73	24.96
10- UP	21.29	4.85	1.03	.00	.00	.00	1.76	28.93
TOTAL	56.09	12.78	3.23	.15	.00	.00	5.58	77.83

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 7.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 14 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.99	2.79	1.61	.59	.00	.00	1.07	11.00
5 TO 9	1.76	.59	.15	.44	.00	.00	.00	2.93
10- UP	.15	.15	.00	.15	.00	.00	.15	.59
TOTAL	6.89	3.52	1.76	1.17	.00	.00	1.17	14.52

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.38	9.24	4.84	.59	.29	.00	2.35	26.69
5 TO 9	10.41	7.62	11.73	3.52	.00	.00	.59	33.87
10- UP	1.91	12.46	1.91	1.47	.29	.00	.00	18.04
TOTAL	21.70	29.33	18.48	5.57	.59	.00	2.93	78.59

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.72	.73	.44	.00	.00	.00	1.17	8.06
5 TO 9	1.03	1.03	.00	.15	.00	.00	.73	2.93
10- UP	.00	.00	.15	.00	.00	.00	.00	.15
TOTAL	6.74	1.76	.59	.15	.00	.00	1.91	11.14

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.82	2.05	.59	.00	.29	.00	3.08	15.84
5 TO 9	17.01	6.45	.73	.29	.00	.00	.59	25.07
10- UP	28.59	8.80	1.32	.00	.00	.00	2.35	41.06
TOTAL	55.43	17.30	2.64	.29	.29	.00	6.01	81.96

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 15 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.08	1.76	1.76	.59	.00	.00	.88	8.06
5 TO 9	.59	.88	.88	.00	.00	.00	.00	2.35
10- UP	.15	.15	.73	.29	.00	.00	.00	1.32
TOTAL	3.81	2.79	3.37	.88	.00	.00	.88	11.73

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.87	8.06	6.45	2.20	.29	.00	1.32	24.19
5 TO 9	7.33	6.89	14.66	5.57	.15	.00	.29	34.90
10- UP	2.20	16.13	3.37	3.67	.00	.00	.00	25.37
TOTAL	15.40	31.09	24.49	11.44	.44	.00	1.61	84.46

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.79	1.32	.15	.00	.15	.00	.59	4.99
5 TO 9	.59	.59	.00	.15	.00	.00	.44	1.76
10- UP	.15	.15	.00	.15	.00	.00	.00	.44
TOTAL	3.52	2.05	.15	.29	.15	.00	1.03	7.18

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.33	1.32	1.17	.88	.29	.00	1.76	12.76
5 TO 9	13.49	4.69	1.17	.15	.00	.00	.29	19.79
10- UP	36.51	15.69	1.32	.00	.00	.00	2.79	56.30
TOTAL	57.33	21.70	3.67	1.03	.29	.00	4.84	88.86

TABLE 7.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 16 NUMBER OBS. 692

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.49	.88	3.81	1.32	.00	.00	.73	9.24
5 TO 9	.29	1.03	.88	.59	.00	.00	.00	2.79
10- UP	.15	.29	.73	.59	.00	.00	.00	1.76
TOTAL	2.93	2.20	5.43	2.49	.00	.00	.73	13.78

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.79	4.69	5.72	2.79	.88	.00	1.17	18.04
5 TO 9	4.40	4.99	18.18	9.97	.29	.00	.15	37.98
10- UP	1.03	18.33	3.94	4.69	.29	.00	.15	28.45
TOTAL	8.21	28.01	27.86	17.45	1.47	.00	1.47	84.46

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.76	.59	.15	.00	.00	.00	.29	2.79
5 TO 9	.44	.44	.15	.15	.00	.00	.29	1.47
10- UP	.15	.15	.00	.00	.15	.00	.15	.59
TOTAL	2.35	1.17	.29	.15	.15	.00	.73	4.84

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.40	1.47	.59	1.03	.44	.00	1.03	8.96
5 TO 9	8.06	2.64	3.52	.29	.00	.00	1.17	15.69
10- UP	40.91	19.94	2.93	.15	.00	.00	4.84	68.77
TOTAL	53.37	24.05	7.04	1.47	.44	.00	7.04	93.40

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 17 NUMBER OBS. 692

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.32	1.76	3.37	2.20	.29	.00	.44	9.38
5 TO 9	.59	.73	.44	.59	.00	.00	.00	2.35
10- UP	.00	.29	1.17	1.32	.00	.00	.00	2.79
TOTAL	1.91	2.79	4.99	4.11	.29	.00	.44	14.52

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.88	2.05	3.81	4.55	.88	.00	.44	12.61
5 TO 9	2.05	2.93	18.91	12.17	.00	.00	.00	36.07
10- UP	1.32	20.97	5.87	7.18	.44	.00	.00	35.78
TOTAL	4.25	25.95	28.59	23.90	1.32	.00	.44	84.46

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.03	.15	.00	.15	.00	.00	.29	1.61
5 TO 9	.88	.15	.00	.00	.00	.00	.00	1.03
10- UP	.15	.15	.00	.00	.00	.00	.00	.29
TOTAL	2.05	.44	.00	.15	.00	.00	.29	2.93

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.03	1.32	.88	2.05	.44	.00	.73	6.45
5 TO 9	4.11	2.64	3.08	.15	.15	.00	.44	10.56
10- UP	44.13	24.05	4.11	.59	.00	.00	6.16	79.03
TOTAL	49.27	28.01	8.06	2.79	.59	.00	7.33	96.04

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 7.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 18 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.59	1.17	5.72	2.64	.00	.00	.00	10.12
5 TO 9	.29	.44	1.32	.59	.00	.00	.15	2.79
10- UP	.00	.29	1.47	.59	.00	.00	.00	2.35
TOTAL	.88	1.91	8.50	3.81	.00	.00	.15	15.25

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.59	1.91	5.87	3.37	1.03	.00	.00	12.76
5 TO 9	1.91	4.11	22.87	11.73	.00	.00	.00	40.62
10- UP	1.47	18.48	5.28	5.28	.44	.00	.15	31.09
TOTAL	3.96	24.49	34.02	20.38	1.47	.00	.15	84.46

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.44	.44	.15	.15	.00	.00	.00	1.17
5 TO 9	.00	.29	.15	.00	.00	.00	.00	.44
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	.44	.73	.29	.15	.00	.00	.00	1.61

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.44	.73	1.03	1.76	.29	.00	.29	4.55
5 TO 9	4.55	3.96	4.40	.44	.00	.00	.29	13.64
10- UP	45.31	23.17	4.40	.44	.00	.00	6.60	79.91
TOTAL	50.29	27.86	9.82	2.64	.29	.00	7.18	98.09

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 19 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.15	2.49	5.28	1.76	.00	.00	.15	9.82
5 TO 9	.15	1.47	1.17	.00	.00	.00	.00	2.79
10- UP	.00	.00	.59	.00	.00	.00	.00	.59
TOTAL	.29	3.96	7.04	1.76	.00	.00	.15	13.20

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.44	6.89	9.09	3.08	.15	.00	.15	19.79
5 TO 9	2.20	9.53	28.89	3.96	.00	.00	.29	44.87
10- UP	.73	16.72	2.79	1.17	.00	.00	.00	21.41
TOTAL	3.37	33.14	40.76	8.21	.15	.00	.44	86.07

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.15	.59	.59	.00	.00	.00	1.32	
5 TO 9	.00	.00	.00	.00	.00	.00	.00	
10- UP	.00	.00	.00	.00	.00	.00	.00	
TOTAL	.15	.59	.59	.00	.00	.00	.00	1.32

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.88	.88	1.61	.59	.00	.00	.00	3.96
5 TO 9	11.14	8.21	3.52	.15	.00	.00	.29	23.31
10- UP	47.51	14.08	2.05	.29	.00	.00	6.74	70.67
TOTAL	59.53	23.17	7.18	1.03	.00	.00	7.04	97.95

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 7.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 20 NUMBER OBS. 692

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.44	3.37	2.79	.29	.00	.00	.00	6.89
5 TO 9	.00	1.03	.29	.15	.00	.00	.00	1.47
10- UP	.00	.00	.29	.00	.00	.00	.00	.29
TOTAL	.44	4.40	3.37	.44	.00	.00	.00	8.65

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.64	15.98	7.77	1.47	.00	.00	.29	28.15
5 TO 9	9.97	18.48	21.85	.73	.00	.00	.00	51.03
10- UP	.88	10.41	.15	.00	.00	.00	.00	11.44
TOTAL	13.49	44.87	29.77	2.20	.00	.00	.29	90.62

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.00	.00	.00	.00	.00	.00	.00	.00
5 TO 9	.00	.00	.00	.00	.00	.00	.00	.00
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	.00	.00	.00	.00	.00	.00	.00	.00

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.79	2.05	.59	.29	.00	.00	.73	6.45
5 TO 9	26.01	9.09	1.47	.00	.00	.00	2.05	40.62
10- UP	38.42	8.21	.73	.00	.00	.00	4.84	52.20
TOTAL	69.21	19.35	2.79	.29	.00	.00	7.62	99.27

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 21 NUMBER OBS. 692

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.03	2.79	.88	.15	.00	.00	.00	4.84
5 TO 9	.00	.59	.00	.00	.00	.00	.00	.59
10- UP	.00	.00	.15	.00	.00	.00	.00	.15
TOTAL	1.03	3.37	1.03	.15	.00	.00	.00	5.57

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.16	18.73	5.13	.59	.15	.00	.29	30.65
5 TO 9	23.46	18.18	12.17	.44	.00	.00	.15	54.40
10- UP	.88	6.74	.00	.29	.00	.00	.00	7.92
TOTAL	30.50	43.26	17.30	1.32	.15	.00	.44	92.96

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.15	.00	.00	.00	.00	.00	.00	.15
5 TO 9	.15	.00	.00	.00	.00	.00	.00	.15
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	.29	.00	.00	.00	.00	.00	.00	.29

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.01	1.76	.44	.15	.00	.00	1.76	10.12
5 TO 9	43.84	7.92	.29	.00	.00	.00	4.11	56.16
10- UP	24.93	3.37	.44	.00	.00	.00	3.23	31.96
TOTAL	74.79	13.05	1.17	.15	.00	.00	9.09	98.24

TABLE 7.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 22 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.59	1.03	.44	.00	.00	.00	.00	2.05
5 TO 9	.00	.00	.00	.00	.00	.00	.00	.00
10- UP	.00	.00	.15	.00	.00	.00	.00	.15
TOTAL	.59	1.03	.59	.00	.00	.00	.00	2.20

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.58	16.86	3.67	.59	.15	.00	1.47	34.31
5 TO 9	27.57	18.04	8.50	.00	.00	.00	.73	54.84
10- UP	1.32	5.72	.00	.00	.00	.00	.00	7.04
TOTAL	40.47	40.62	12.17	.59	.15	.00	2.20	96.19

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.15	.29	.00	.00	.00	.00	.15	.59
5 TO 9	.00	.00	.00	.00	.00	.00	.00	.00
10- UP	.00	.00	.15	.00	.00	.00	.00	.15
TOTAL	.15	.29	.15	.00	.00	.00	.15	.73

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.94	.73	.00	.15	.00	.00	4.99	14.81
5 TO 9	45.45	7.48	.15	.00	.00	.00	4.55	57.62
10- UP	20.67	2.93	.15	.00	.00	.00	1.47	25.22
TOTAL	75.07	11.14	.29	.15	.00	.00	11.00	97.65

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF JULY

HOUR 23 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.44	.88	.73	.00	.00	.00	2.05	
5 TO 9	.00	.00	.00	.00	.00	.00	.00	.00
10- UP	.00	.00	.15	.00	.00	.00	.00	.15
TOTAL	.44	.88	.88	.00	.00	.00	.00	2.20

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.50	12.61	2.35	.44	.00	.00	3.67	27.57
5 TO 9	42.23	14.22	4.40	.00	.00	.00	.73	61.58
10- UP	1.03	4.55	.00	.15	.00	.00	.15	5.87
TOTAL	51.76	31.38	6.74	.59	.00	.00	4.55	95.01

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.29	.44	.00	.00	.00	.00	.00	.73
5 TO 9	.15	.29	.00	.00	.00	.00	.15	.59
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	.44	.73	.00	.00	.00	.00	.15	1.32

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.12	1.47	.15	.15	.00	.00	3.23	15.10
5 TO 9	51.17	8.65	.44	.00	.00	.00	3.67	63.93
10- UP	14.37	1.61	.00	.00	.00	.00	.88	16.86
TOTAL	75.66	11.73	.59	.15	.00	.00	7.77	95.89

TABLE 7.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF JULY

*** RUNWAY 17 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	2.01	1.08	.93	1.10	44.19
03-05	4.36	2.69	1.68	2.79	49.28
06-08	7.10	4.11	2.99	4.35	55.45
09-11	16.10	9.54	6.56	10.91	52.34
12-14	15.42	6.71	8.71	7.95	55.62
15-17	9.64	5.38	4.26	6.21	31.87
18-20	7.59	2.20	5.38	2.51	43.65
21-23	3.67	1.22	2.45	1.27	73.53
00-23	8.24	4.12	4.12	4.50	46.38

*** RUNWAY 35 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	5.14	1.66	3.46	34.00	3.65
03-05	13.41	4.89	8.52	35.09	9.90
06-08	13.46	4.94	8.52	24.11	10.71
09-11	20.80	10.28	10.52	30.35	15.91
12-14	19.36	12.43	6.95	46.61	9.48
15-17	10.23	5.14	5.09	33.02	6.03
18-20	8.37	5.58	2.79	43.18	3.20
21-23	5.92	3.38	2.45	63.89	2.58
00-23	12.08	6.04	6.04	36.14	7.25

7.4A

*** RUNWAY 22 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	1.86	1.03	.83	1.04	51.52
03-05	3.18	2.06	1.13	2.10	50.00
06-08	5.68	3.52	2.15	3.69	48.89
09-11	12.68	7.24	5.43	8.29	43.19
12-14	11.45	4.60	6.85	5.21	56.33
15-17	3.92	1.03	2.89	1.08	57.84
18-20	1.13	.34	.78	.35	80.00
21-23	1.03	.64	.39	.64	50.00
00-23	5.12	2.56	2.56	2.69	51.99

*** RUNWAY 4 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	4.99	1.57	3.43	35.56	3.56
03-05	13.68	4.55	9.13	35.50	9.32
06-08	12.19	4.21	7.98	21.50	9.92
09-11	15.66	8.27	7.39	24.28	11.21
12-14	14.83	10.28	4.55	44.97	5.90
15-17	5.24	4.16	1.08	57.43	1.16
18-20	2.10	1.08	1.03	68.75	1.04
21-23	3.38	1.42	1.96	51.79	2.01
00-23	9.88	4.44	4.44	33.75	5.12

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 7.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF JULY

*** RUNWAY 17 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	.60	.25	.05	1.10
03-05	2.48	.30	.00	2.79
06-08	3.67	.67	.00	4.35
09-11	9.18	1.62	.11	10.91
12-14	6.15	1.45	.35	7.95
15-17	4.41	1.30	.51	6.21
18-20	2.40	.11	.00	2.51
21-23	1.06	.20	.00	1.27
00-23	3.65	.72	.12	4.50

*** RUNWAY 35 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	20.00	14.00	.00	34.00
03-05	25.96	9.12	.00	35.09
06-08	15.75	7.64	.72	24.11
09-11	20.52	9.25	.58	30.35
12-14	24.77	18.90	2.94	46.61
15-17	13.52	14.15	5.35	33.02
18-20	28.41	13.26	1.52	43.19
21-23	37.96	24.07	1.85	63.69
00-23	21.82	12.63	1.68	36.14

****

*** RUNWAY 22 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	.75	.25	.05	1.04
03-05	1.75	.35	.00	2.10
06-08	3.17	.51	.00	3.69
09-11	7.17	1.12	.00	8.29
12-14	4.16	.89	.17	5.21
15-17	.42	.36	.10	1.08
18-20	.30	.05	.00	.35
21-23	.49	.15	.00	.64
00-23	2.21	.44	.04	2.69

*** RUNWAY 4 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	23.33	12.22	.00	35.56
03-05	25.19	9.92	.38	35.50
06-08	12.00	8.50	1.00	21.50
09-11	16.24	7.61	.43	24.28
12-14	21.20	17.99	5.78	44.97
15-17	18.24	14.19	25.00	57.43
18-20	31.25	37.50	.00	68.75
21-23	28.57	21.43	1.79	51.79
00-23	18.60	11.76	3.39	33.75

7.4B

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 7.5. EDWARDS AFB HEADWIND COMPONENT CUMULATIVE PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF JULY

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 17 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 35 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	12.85	29.47	17.33	5.25	17.78	*	79.00	71.33	50.44	19.18	58.86
1- 2	24.64	38.20	26.09	8.29	24.37	*	85.44	80.84	48.26	32.39	70.55
2- 3	31.61	45.75	32.06	15.17	31.19	*	88.78	87.18	77.80	56.92	80.06
3- 4	41.58	54.75	39.59	20.70	39.66	*	95.94	92.22	84.77	67.30	86.94
4- 5	49.38	61.35	47.19	23.69	45.51	*	97.61	94.53	88.44	71.38	89.78
5- 6	60.74	69.02	55.65	26.43	53.64	*	98.57	97.13	91.74	75.79	92.51
6- 7	74.33	75.52	65.97	36.49	64.08	*	99.28	98.55	93.58	80.19	94.48
7- 8	82.13	84.68	73.74	44.90	71.61	*	99.28	99.57	95.60	83.02	95.75
8- 9	88.27	90.21	79.48	54.37	78.37	*	99.52	99.71	97.25	85.53	96.71
9-10	92.92	93.65	84.81	65.54	84.49	*	100.00	99.86	97.98	87.42	97.37
10-11	96.13	95.75	89.22	71.91	88.44	*	******	100.00	98.53	91.19	98.18
11-12	97.47	96.87	91.13	76.82	90.74	*	******	******	99.08	93.71	98.73
12-13	99.38	98.71	95.01	83.64	94.31	*	******	******	99.63	96.86	99.39
13-14	99.69	99.38	96.64	87.20	95.82	*	******	******	99.82	97.48	99.54
14-15	99.90	99.72	97.39	90.47	96.94	*	******	******	99.82	99.06	99.80
15-16	100.00	99.89	98.55	94.53	98.28	*	******	******	100.00	99.37	99.90
16-17	******	99.94	98.90	95.71	98.67	*	******	******	******	100.00	100.00
17-18	******	100.00	99.71	96.70	99.61	*	******	******	******	******	******
18-19	******	******	99.77	99.38	99.79	*	******	******	******	******	******
19-20	******	******	99.94	99.77	99.93	*	******	******	******	******	******
20-21	******	******	99.94	99.87	99.94	*	******	******	******	******	******
21-22	******	******	100.00	99.89	99.97	*	******	******	******	******	******
22-23	******	******	******	100.00	100.00	*	******	******	******	******	******
NOBS	1936	1768	1725	1773	7222	*	410	494	545	318	1976

TABLE 7.5. (Concluded)

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF JULY

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 22 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 4 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	17.19	27.36	15.79	3.45	15.71	*	82.25	69.48	55.89	37.84	66.02
1- 2	21.78	32.18	20.44	5.09	19.61	*	87.75	80.37	69.16	47.30	76.19
2- 3	28.58	38.28	24.82	7.51	24.52	*	90.50	87.82	77.30	58.78	83.07
3- 4	36.86	44.43	30.08	10.24	30.13	*	95.75	93.41	85.46	68.92	89.67
4- 5	46.06	49.80	36.79	12.24	35.95	*	97.25	95.99	90.36	74.32	92.88
5- 6	54.45	56.30	42.11	14.35	41.51	*	98.50	98.28	93.79	81.76	95.68
6- 7	62.99	62.28	48.14	17.03	47.32	*	99.75	99.28	96.36	86.49	97.49
7- 8	71.42	66.61	54.07	20.63	53.39	*	100.00	99.43	97.64	91.89	98.42
8- 9	77.71	73.53	58.95	24.43	58.37	*	******	100.00	98.29	93.92	99.01
9-10	84.87	80.30	65.82	28.40	64.54	*	******	******	98.93	93.92	99.18
10-11	87.73	83.55	69.64	32.20	67.97	*	******	******	99.79	94.59	99.47
11-12	92.59	88.58	76.40	37.91	73.55	*	******	******	99.79	96.62	99.65
12-13	94.63	91.16	79.45	43.72	76.94	*	******	******	99.79	98.65	99.82
13-14	97.14	94.74	84.82	52.52	82.02	*	******	******	100.00	99.32	99.94
14-15	98.26	96.36	88.75	60.70	85.77	*	******	******	******	99.32	99.94
15-16	99.03	97.76	91.52	68.67	89.04	*	******	******	******	99.32	99.94
16-17	99.44	98.99	93.41	75.10	91.56	*	******	******	******	99.32	99.94
17-18	99.85	99.72	96.45	85.34	95.27	*	******	******	******	100.00	100.00
18-19	99.95	99.94	98.03	91.41	97.26	*	******	******	******	******	******
19-20	100.00	99.94	99.34	95.68	98.71	*	******	******	******	******	******
20-21	******	100.00	99.61	97.48	99.25	*	******	******	******	******	******
21-22	******	******	99.87	99.02	99.71	*	******	******	******	******	******
22-23	******	******	99.87	99.54	99.84	*	******	******	******	******	******
23-24	******	******	99.94	99.85	99.95	*	******	******	******	******	******
24-25	******	******	99.94	99.85	99.95	*	******	******	******	******	******
25-26	******	******	100.00	100.00	100.00	*	******	******	******	******	******
NOBS	1956	1787	1805	1944	7492	*	400	698	467	148	1713

TABLE 7.6. EDWARDS AFB BIVARIATE NORMAL STATISTICS (JULY, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 7/43 - 7/67
MONTH OF RECORD - 7.
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	2.65	2.02	2.50	2.12	2.29	.4315	676
1	5.31	2.03	4.13	2.61	4.55	.4216	684
2	3.72	2.64	4.05	3.50	3.21	.2266	680
3	2.28	4.31	4.77	4.04	3.35	.1741	649
4	1.91	4.89	4.99	4.38	3.68	.1681	643
5	2.48	5.43	5.27	4.92	7.38	.2849	634
6	3.58	5.79	5.76	5.74	10.04	.3025	627
7	4.63	6.31	6.07	6.65	10.98	.2719	541
8	5.97	7.36	6.80	7.36	14.12	.2620	530
9	7.44	8.83	7.50	8.14	14.47	.2369	527
10	8.75	10.73	8.01	9.20	15.24	.2068	524
11	9.68	12.44	8.84	9.71	17.26	.2011	522
12	10.01	13.20	9.03	10.21	23.04	.2499	522
13	9.91	13.10	8.79	9.63	24.20	.2859	520
14	9.17	11.79	7.80	7.94	19.04	.3076	517
15	6.83	8.97	6.31	6.36	12.43	.3095	514
16	3.29	6.06	4.98	5.04	5.78	.2302	494
17	-.67	3.60	3.68	3.96	2.33	.1600	482
18	-3.77	2.40	3.37	3.20	2.66	.2472	476
19	-6.32	1.45	3.14	2.49	1.60	.2043	474
20	-8.15	.86	3.29	2.45	2.12	.2637	467
21	-9.76	.48	3.22	2.55	1.37	.1665	447
22	-10.72	.20	3.46	2.39	.65	.0782	442
23	-12.00	.05	3.55	2.58	1.41	.1539	429
24	-13.18	.06	4.09	2.83	1.76	.1520	425
25	-13.95	-.06	4.59	3.17	2.33	.1602	413
26	-14.63	.06	5.29	3.09	3.81	.2336	409
27	-15.32	.05	5.48	3.04	4.58	.2755	371

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

ORIGINAL PAGE IS OF POOR QUALITY

AUGUST

PRECEDING PAGE BLANK NOT FILMED

TABLE 8.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF AUG.

RUNWAY 17 - 35

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	61.05	22.79	4.25	.44	.00	.00	11.49	2046
03-05	58.16	14.96	2.54	.29	.05	.00	24.00	2046
06-08	46.97	14.96	3.81	.49	.00	.00	33.77	2046
09-11	35.83	20.92	6.65	1.52	.10	.00	35.00	2046
12-14	34.16	27.47	13.39	4.30	.44	.00	20.23	2046
15-17	14.76	28.64	31.96	17.69	1.17	.00	5.77	2046
18-20	9.9[illegible]	39.88	39.88	8.11	.34	.05	1.76	2046
21-23	43.40	36.95	12.12	.88	.05	.00	6.60	2046
00-23	38.04	25.82	14.33	4.22	.27	.01	17.33	16368

8.1A

RUNWAY 22 - 4

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	71.21	11.93	.24	.05	.00	.00	16.57	2046
03-05	60.80	9.38	.15	.10	.00	.00	29.57	2046
06-08	54.40	6.21	.20	.00	.00	.00	39.20	2046
09-11	54.20	7.38	.59	.00	.00	.00	37.83	2046
12-14	60.02	15.49	1.56	.54	.00	.00	22.39	2046
15-17	57.18	23.46	6.79	.98	.10	.05	11.44	2046
18-20	62.90	23.70	4.06	.64	.00	.00	8.70	2046
21-23	74.73	11.63	.24	.00	.00	.00	13.39	2046
00-23	61.93	13.65	1.73	.29	.01	.01	22.39	16368

8.1B

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	74.68	2.69	.10	.05	.00	.00	22.48	2046
03-05	61.00	1.42	.24	.00	.00	.00	37.34	2046
06-08	51.17	2.10	.15	.00	.00	.00	46.58	2046
09-11	50.24	3.91	.49	.00	.00	.00	45.36	2046
12-14	59.38	9.87	1.37	.29	.00	.00	29.08	2046
15-17	59.[illegible]4	21.16	5.96	.49	.05	.00	13.20	2046
18-20	63.88	22.97	3.52	.24	.00	.00	9.38	2046
21-23	77.03	6.40	.20	.00	.00	.00	16.37	2046
00-23	62.07	8.82	1.[illegible]0	.13	.01	.00	27.47	16368

8.1C

PRECEDING PAGE BLANK NOT FILMED

TABLE 8.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF AUG.

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	1.42	.00	.05	2046	32.60	55.43	5.23
03-05	2.74	.20	.05	2046	39.15	40.57	2.54
06-08	4.84	.20	.00	2046	34.46	32.40	3.71
09-11	9.97	1.76	.05	2046	31.09	25.42	5.38
12-14	12.66	2.64	.24	2046	30.45	29.96	11.68
15-17	7.97	2.49	.73	2046	21.80	37.68	25.61
18-20	9.63	1.71	.49	2046	25.51	47.31	14.42
21-23	2.35	.44	.10	2046	37.05	52.00	5.13
00-23	6.45	1.18	.21	16368	31.51	40.10	9.21

8.2A

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	.73	.10	.05	2046	27.47	54.55	11.83
03-05	1.76	.29	.00	2046	36.02	41.54	5.62
06-08	3.96	.29	.00	2046	29.72	32.84	8.75
09-11	10.51	1.47	.05	2046	21.51	25.56	14.57
12-14	11.58	2.15	.24	2046	19.84	25.86	27.71
15-17	3.52	1.52	.24	2046	8.16	17.74	65.00
18-20	1.37	.44	.29	2046	6.79	30.40	59.68
21-23	.44	.24	.10	2046	17.99	54.26	22.04
00-23	4.23	.81	.12	16368	20.94	35.59	26.90

8.2B

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 8.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 0 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	.29	.44	.00	.00	.00	.00	.00	.73	15.40	9.97	1.47	.44	.00	.00	4.11	31.38
5 TO 9	.00	.00	.00	.00	.00	.00	.00	.00	43.26	9.09	4.11	.15	.00	.00	1.03	57.62
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	2.05	4.25	.00	.00	.00	.00	.00	6.30
TOTAL	.29	.44	.00	.00	.00	.00	.00	.73	60.70	23.31	5.57	.59	.00	.00	5.13	95.31

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	.44	.00	.00	.00	.00	.00	.00	.44	15.69	3.08	.00	.00	.00	.00	5.43	24.19
5 TO 9	.00	.00	.00	.00	.00	.00	.00	.00	45.45	8.50	.44	.00	.00	.00	3.67	58.06
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	10.56	2.05	.15	.00	.00	.00	.59	13.34
TOTAL	.44	.00	.00	.00	.00	.00	.00	.44	71.70	13.64	.59	.00	.00	.00	9.68	95.60

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 1 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	.15	.73	.00	.00	.00	.00	.29	1.17	16.72	8.36	1.47	.29	.00	.00	4.69	31.52
5 TO 9	.00	.00	.00	.00	.00	.00	.00	.00	41.35	11.88	1.91	.15	.00	.00	1.47	56.74
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	1.17	3.67	.15	.15	.00	.00	.00	5.13
TOTAL	.15	.73	.00	.00	.00	.00	.29	1.17	59.24	23.90	3.52	.59	.00	.00	6.16	93.40

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	.59	.15	.00	.00	.00	.00	.00	.73	16.57	3.52	.00	.00	.00	.00	7.18	27.27
5 TO 9	.15	.00	.00	.00	.00	.00	.00	.15	44.57	6.30	.00	.00	.00	.00	3.52	54.40
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	9.82	1.76	.00	.00	.00	.00	.44	12.02
TOTAL	.73	.15	.00	.00	.00	.00	.00	.88	70.97	11.58	.00	.00	.00	.00	11.14	93.70

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 8.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 2 NUMBER OBS. 6*2

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.17	.88	.00	.00	.00	.00	.29	2.35
5 TO 9	.00	.00	.00	.00	.00	.00	.00	.00
10- UP	.00	.15	.00	.00	.00	.00	.00	.15
TOTAL	1.17	1.03	.00	.00	.00	.00	.29	2.49

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	21.11	6.45	1.47	.00	.00	.00	5.87	34.90
5 TO 9	39.15	9.53	2.20	.15	.00	.00	.88	51.91
10- UP	1.32	2.93	.00	.00	.00	.00	.00	4.25
TOTAL	61.58	18.91	3.67	.15	.00	.00	6.74	91.06

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.59	.15	.15	.00	.00	.00	.15	1.03
5 TO 9	.00	.00	.00	.15	.00	.00	.00	.15
10- UP	.00	.15	.00	.00	.00	.00	.00	.15
TOTAL	.59	.29	.15	.15	.00	.00	.15	1.32

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.94	2.35	.00	.00	.00	.00	8.65	30.94
5 TO 9	40.91	6.45	.00	.00	.00	.00	3.81	51.17
10- UP	8.36	1.32	.00	.00	.00	.00	.44	10.12
TOTAL	69.21	10.12	.00	.00	.00	.00	12.90	92.23

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 3 NUMBER OBS. 6*2

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.17	.29	.29	.00	.00	.00	.29	2.05
5 TO 9	.15	.00	.00	.00	.00	.00	.00	.15
10- UP	.15	.00	.00	.00	.00	.00	.00	.15
TOTAL	1.47	.29	.29	.00	.00	.00	.29	2.35

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	23.61	8.76	1.17	.15	.00	.00	6.60	39.88
5 TO 9	35.78	7.33	1.61	.15	.00	.00	.88	45.75
10- UP	1.32	1.61	.00	.00	.00	.00	.00	2.93
TOTAL	60.70	17.70	2.79	.29	.00	.00	7.48	88.56

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.17	.29	.00	.00	.00	.00	.15	1.61
5 TO 9	.00	.15	.00	.15	.00	.00	.00	.29
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	1.17	.44	.00	.15	.00	.00	.15	1.91

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.67	2.35	.00	.00	.00	.00	11.14	34.16
5 TO 9	37.98	6.45	.29	.00	.00	.00	3.37	48.09
10- UP	5.57	.88	.00	.00	.00	.00	.29	6.74
TOTAL	64.22	9.68	.29	.00	.00	.00	14.81	89.00

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 8.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 4 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.47	.00	.00	.00	.00	.00	.59	2.05
5 TO 9	.15	.00	.00	.00	.00	.00	.00	.15
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	1.61	.00	.00	.00	.00	.00	.59	2.20

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	22.87	7.62	.88	.15	.00	.00	7.33	38.86
5 TO 9	33.87	5.43	1.61	.29	.00	.00	1.17	42.38
10- UP	1.32	1.03	.00	.00	.00	.00	.00	2.35
TOTAL	58.06	14.08	2.49	.44	.00	.00	8.50	83.58

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.73	.15	.00	.00	.00	.00	.44	1.32
5 TO 9	.15	.00	.00	.00	.00	.00	.00	.15
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	.88	.15	.00	.00	.00	.00	.44	1.47

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	21.26	3.23	.00	.00	.00	.00	11.73	36.22
5 TO 9	34.31	5.57	.00	.00	.00	.00	2.93	42.82
10- UP	3.96	1.17	.00	.00	.00	.00	.15	5.28
TOTAL	59.53	9.97	.00	.00	.00	.00	14.81	84.31

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 5 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.35	.44	.15	.00	.00	.00	1.17	4.11
5 TO 9	.29	.00	.00	.00	.00	.00	.00	.29
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	2.64	.44	.15	.00	.00	.00	1.17	4.40

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	22.87	6.45	.59	.00	.00	.00	8.80	38.71
5 TO 9	26.10	4.99	1.32	.15	.15	.00	.88	33.58
10- UP	1.03	1.32	.00	.00	.00	.00	.00	2.35
TOTAL	50.00	12.76	1.91	.15	.15	.00	9.68	74.63

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.61	.15	.00	.00	.00	.00	.59	2.35
5 TO 9	.15	.00	.00	.15	.00	.00	.15	.44
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	1.76	.15	.00	.15	.00	.00	.73	2.79

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	23.31	2.79	.00	.00	.00	.00	11.58	37.68
5 TO 9	27.42	4.40	.15	.00	.00	.00	1.76	33.72
10- UP	4.11	.59	.00	.00	.00	.00	.15	4.84
TOTAL	54.84	7.77	.15	.00	.00	.00	13.49	76.25

TABLE 8.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 6 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.79	.29	.00	.00	.00	.00	1.47	4.55
5 TO 9	.15	.00	.00	.00	.00	.00	.00	.15
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	2.93	.29	.00	.00	.00	.00	1.47	4.69

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	22.73	6.16	.73	.00	.00	.00	8.80	38.42
5 TO 9	24.63	3.23	1.47	.00	.00	.00	.73	30.06
10- UP	.59	1.03	.00	.00	.00	.00	.00	1.61
TOTAL	47.95	10.41	2.20	.00	.00	.00	9.53	70.09

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.05	.15	.00	.00	.00	.00	.73	2.93
5 TO 9	.15	.15	.00	.00	.00	.00	.00	.29
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	2.20	.29	.00	.00	.00	.00	.73	3.23

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	21.26	1.17	.00	.00	.00	.00	14.08	36.51
5 TO 9	24.49	4.40	.00	.00	.00	.00	1.17	30.06
10- UP	3.81	.73	.00	.00	.00	.00	.44	4.99
TOTAL	49.56	6.30	.00	.00	.00	.00	15.69	71.55

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 7 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.23	.44	.15	.00	.00	.00	1.76	5.57
5 TO 9	.15	.15	.00	.00	.00	.00	.00	.29
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	3.37	.59	.15	.00	.00	.00	1.76	5.87

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.21	6.01	1.32	.15	.00	.00	5.72	32.40
5 TO 9	26.69	5.13	1.76	.29	.00	.00	.59	34.46
10- UP	1.07	2.79	.29	.15	.00	.00	.00	4.25
TOTAL	46.92	13.93	3.37	.59	.00	.00	6.30	71.11

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.08	.00	.00	.00	.00	.00	1.47	4.55
5 TO 9	.15	.15	.00	.00	.00	.00	.00	.29
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	3.23	.15	.00	.00	.00	.00	1.47	4.84

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.86	1.61	.00	.00	.00	.00	9.53	28.01
5 TO 9	29.03	3.67	.29	.00	.00	.00	2.64	35.63
10- UP	6.01	1.76	.15	.00	.00	.00	.44	8.36
TOTAL	51.91	7.04	.44	.00	.00	.00	12.61	71.99

TABLE 8.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 8 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.05	.29	.00	.00	.00	.00	2.05	4.40
5 TO 9	.15	.00	.00	.00	.00	.00	.00	.15
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	2.20	.29	.00	.00	.00	.00	2.05	4.55

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.16	7.18	1.76	.15	.00	.00	6.30	32.55
5 TO 9	19.79	8.50	3.52	.29	.00	.00	.59	32.70
10- UP	.59	3.81	.44	.44	.00	.00	.00	5.28
TOTAL	37.54	19.50	5.72	.88	.00	.00	6.89	70.53

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.37	.00	.00	.00	.00	.00	1.03	4.40
5 TO 9	.15	.15	.00	.00	.00	.00	.00	.29
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	3.52	.15	.00	.00	.00	.00	1.03	4.69

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.96	.59	.00	.00	.00	.00	9.09	24.63
5 TO 9	27.71	2.79	.00	.00	.00	.00	2.35	32.84
10- UP	10.12	1.32	.15	.00	.00	.00	1.32	12.90
TOTAL	52.79	4.69	.15	.00	.00	.00	12.76	70.38

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 9 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.25	.88	.29	.00	.00	.00	1.61	7.04
5 TO 9	1.17	.00	.00	.00	.00	.00	.00	1.17
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	5.43	.88	.29	.00	.00	.00	1.61	8.21

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.66	7.92	1.32	.15	.00	.00	5.72	29.91
5 TO 9	16.42	8.76	2.49	.73	.00	.00	.59	28.59
10- UP	.44	4.69	.00	.44	.00	.00	.00	5.57
TOTAL	31.52	20.97	3.81	1.32	.15	.00	6.30	64.08

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.57	.44	.00	.00	.00	.00	1.76	7.77
5 TO 9	.73	.00	.00	.00	.00	.00	.00	.73
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	6.30	.44	.00	.00	.00	.00	1.76	8.50

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.76	1.03	.00	.00	.00	.00	7.48	21.26
5 TO 9	25.51	1.32	.29	.00	.00	.00	1.76	28.89
10- UP	10.56	2.05	.29	.00	.00	.00	.73	13.64
TOTAL	48.83	4.40	.59	.00	.00	.00	9.97	63.78

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 8.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 10 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.87	.73	.29	.00	.00	.00	2.49	9.38
5 TO 9	1.91	.15	.00	.00	.00	.00	.00	2.05
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	7.77	.88	.29	.00	.00	.00	2.49	11.44

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.10	9.38	1.47	.29	.00	.00	5.72	31.96
5 TO 9	12.17	5.13	5.28	1.03	.00	.00	.59	24.19
10- UP	.77	3.96	.15	.29	.00	.00	.00	5.13
TOTAL	28.01	18.48	6.89	1.61	.00	.00	6.30	61.29

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.33	.88	.00	.00	.00	.00	2.79	11.00
5 TO 9	.88	.29	.00	.00	.00	.00	.29	1.47
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	8.21	1.17	.00	.00	.00	.00	3.08	12.46

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.81	.73	.00	.00	.00	.00	5.72	21.26
5 TO 9	18.77	3.37	.44	.00	.00	.00	2.20	24.78
10- UP	12.02	1.76	.00	.00	.00	.00	.44	14.22
TOTAL	45.60	5.87	.44	.00	.00	.00	8.36	60.26

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 11 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.77	2.20	.29	.00	.00	.00	3.23	13.49
5 TO 9	1.61	.44	.00	.00	.00	.00	.00	2.05
10- UP	.00	.15	.00	.00	.00	.00	.00	.15
TOTAL	9.38	2.79	.29	.00	.00	.00	3.23	15.69

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.49	9.53	2.49	.29	.15	.00	5.43	31.38
5 TO 9	11.14	5.28	5.57	.88	.00	.00	.59	23.46
10- UP	.77	3.96	.29	.44	.00	.00	.00	5.43
TOTAL	25.37	18.77	8.36	1.61	.15	.00	6.01	60.26

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.94	1.03	.15	.00	.00	.00	2.64	12.76
5 TO 9	1.76	.15	.00	.00	.00	.00	.29	2.20
10- UP	.00	.00	.00	.00	.00	.00	.15	.15
TOTAL	10.70	1.17	.15	.00	.00	.00	3.08	15.10

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.64	2.79	.00	.00	.00	.00	5.57	21.99
5 TO 9	18.04	3.52	.29	.00	.00	.00	1.17	23.02
10- UP	11.29	2.79	.29	.00	.00	.00	1.47	15.84
TOTAL	42.96	9.09	.59	.00	.00	.00	8.21	60.85

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 8.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 12 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.92	1.91	.29	.15	.00	.00	3.96	14.22
5 TO 9	1.47	.59	.00	.00	.15	.00	.15	2.75
10- UP	.00	.15	.00	.00	.00	.00	.00	.15
TOTAL	9.38	2.64	.29	.15	.15	.00	4.11	16.72

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.78	10.26	1.76	.73	.00	.00	4.99	31.52
5 TO 9	13.34	4.84	7.04	1.91	.00	.00	.73	27.86
10- UP	1.17	4.99	.44	.44	.15	.00	.00	7.18
TOTAL	28.30	20.09	9.24	3.08	.15	.00	5.72	66.57

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.97	1.47	.00	.00	.00	.00	2.64	14.08
5 TO 9	1.76	.29	.00	.00	.00	.00	.44	2.49
10- UP	.15	.00	.00	.00	.00	.00	.00	.15
TOTAL	11.88	1.76	.00	.00	.00	.00	3.08	16.72

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.08	2.49	.00	.00	.00	.00	5.43	21.99
5 TO 9	18.18	4.55	.15	.00	.00	.00	1.17	24.05
10- UP	15.69	3.08	.59	.15	.00	.00	.73	20.23
TOTAL	47.95	10.12	.73	.15	.00	.00	7.33	66.28

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 13 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.04	1.76	.44	.73	.00	.00	3.23	13.20
5 TO 9	1.91	.59	.15	.00	.00	.00	.15	2.79
10- UP	.00	.15	.00	.00	.00	.00	.00	.15
TOTAL	8.94	2.49	.59	.73	.00	.00	3.37	16.13

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.00	11.14	2.93	.44	.15	.00	4.69	30.35
5 TO 9	12.32	6.45	9.38	1.17	.00	.00	.59	29.91
10- UP	1.61	7.48	1.17	1.32	.15	.00	.00	11.73
TOTAL	24.93	25.07	13.49	2.93	.29	.00	5.28	71.99

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.92	1.32	.15	.29	.00	.00	2.35	12.02
5 TO 9	1.32	.44	.00	.00	.00	.00	.15	1.91
10- UP	.00	.15	.00	.00	.00	.00	.00	.15
TOTAL	9.24	1.91	.15	.29	.00	.00	2.49	14.08

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.46	3.08	.29	.00	.00	.00	4.11	19.94
5 TO 9	20.38	4.84	.29	.00	.00	.00	1.47	26.98
10- UP	19.06	5.57	.88	.00	.00	.00	1.32	26.83
TOTAL	51.91	13.49	1.47	.00	.00	.00	6.89	73.75

TABLE 8.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 14 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.01	2.05	1.17	.29	.00	.00	1.03	10.56
5 TO 9	1.17	1.17	.29	.00	.00	.00	.15	2.79
10- UP	.15	.00	.15	.15	.00	.00	.00	.44
TOTAL	7.33	3.23	1.61	.44	.00	.00	1.17	13.78

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.56	11.14	2.79	1.76	.44	.00	2.79	29.47
5 TO 9	11.73	6.89	9.97	3.08	.15	.00	.29	32.11
10- UP	1.91	11.00	2.20	.73	.15	.00	.15	16.13
TOTAL	24.19	29.03	14.96	5.57	.73	.00	3.23	77.71

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.16	1.47	.00	.00	.00	.00	1.03	8.65
5 TO 9	.88	.29	.00	.15	.00	.00	.73	2.05
10- UP	.00	.15	.00	.15	.00	.00	.15	.44
TOTAL	7.04	1.91	.00	.29	.00	.00	1.91	11.14

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.97	3.77	.29	.29	.00	.00	3.67	17.60
5 TO 9	19.21	4.55	.73	.15	.00	.00	1.91	26.56
10- UP	22.87	9.36	1.32	.44	.00	.00	2.05	36.07
TOTAL	52.05	17.70	2.35	.88	.00	.00	7.62	80.21

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 15 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.96	1.17	.88	.88	.00	.00	.88	7.77
5 TO 9	1.32	.29	.15	.15	.00	.00	.00	1.91
10- UP	.15	.00	.00	.15	.00	.00	.00	.29
TOTAL	5.43	1.47	1.03	1.17	.00	.00	.88	9.97

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.77	8.36	5.57	3.67	.29	.00	2.49	28.15
5 TO 9	8.80	7.33	13.78	6.01	.00	.00	.44	36.36
10- UP	1.61	13.64	3.23	1.76	.15	.00	.00	20.38
TOTAL	18.18	29.33	22.58	11.44	.44	.00	2.93	84.90

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.52	1.17	.15	.00	.00	.00	.88	5.72
5 TO 9	.59	.44	.29	.00	.00	.00	.00	1.32
10- UP	.00	.00	.15	.00	.00	.00	.00	.15
TOTAL	4.11	1.61	.59	.00	.00	.00	.88	7.18

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.77	1.47	.44	.00	.00	.00	2.20	11.88
5 TO 9	15.40	4.84	.88	.00	.15	.00	1.61	22.87
10- UP	32.84	13.64	2.35	.00	.00	.00	3.81	52.64
TOTAL	56.01	19.94	3.67	.00	.15	.00	7.62	87.39

TABLE 8.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 16 NUMBER OBS. 692

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	1.32	1.76	2.79	1.32	.00	.00	.15	7.73	3.81	6.45	6.45	3.37	1.03	.00	.88	21.99
5 TO 9	1.32	.29	.73	.29	.00	.00	.00	2.64	4.69	5.87	18.33	6.45	.00	.00	.00	35.34
10- UP	.44	.00	.44	.15	.00	.00	.00	1.03	2.35	16.57	5.13	3.52	.29	.00	.15	28.01
TOTAL	3.08	2.05	3.96	1.76	.00	.00	.15	11.00	10.85	28.89	29.91	13.34	1.32	.00	1.03	85.34

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	1.76	.15	.15	.00	.00	.00	.29	2.35	3.08	1.91	.73	.59	.00	.00	1.17	7.48
5 TO 9	.88	.59	.29	.15	.00	.15	.15	2.20	10.56	3.81	2.79	.15	.00	.00	1.03	18.33
10- UP	.00	.15	.15	.00	.00	.00	.00	.29	38.27	18.18	3.52	.73	.00	.00	4.99	65.69
TOTAL	2.64	.88	.59	.15	.00	.15	.44	4.84	51.91	23.90	7.04	1.47	.00	.00	7.18	91.50

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 17 NUMBER OBS. 692

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	1.03	1.17	4.25	1.91	.15	.00	.29	8.80	2.05	2.20	4.84	4.25	1.32	.00	.59	15.25
5 TO 9	.73	.59	1.17	.44	.00	.00	.00	2.93	2.05	3.81	22.14	13.34	.00	.00	.00	41.35
10- UP	.29	.15	.44	.00	.00	.00	.00	.88	.88	16.28	5.57	5.43	.29	.00	.00	28.45
TOTAL	2.05	1.91	5.87	2.35	.15	.00	.29	12.61	4.99	22.29	32.55	23.02	1.61	.00	.59	85.04

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	1.17	.59	.15	.44	.00	.00	.15	2.49	2.49	.59	1.17	.29	.15	.00	.44	5.13
5 TO 9	.29	.29	.00	.29	.00	.00	.15	1.03	4.99	3.81	2.64	.15	.00	.00	.44	12.02
10- UP	.00	.00	.29	.00	.00	.00	.00	.29	47.95	18.77	4.25	.15	.00	.00	5.57	76.69
TOTAL	1.47	.88	.44	.73	.00	.00	.29	3.81	55.43	23.17	8.06	.59	.15	.00	6.45	93.84

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 8.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 18 NUMBER OBS. 6*2

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.59	2.64	6.01	1.61	.00	.00	.15	11.00
5 TO 9	.73	.88	.29	.29	.00	.15	.00	2.35
10- UP	.15	.29	.59	.00	.00	.00	.15	1.17
TOTAL	1.47	3.81	6.89	1.91	.00	.15	.29	14.52

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.32	2.79	7.33	4.69	.59	.00	.29	17.01
5 TO 9	1.47	5.72	28.45	9.09	.00	.00	.00	44.72
10- UP	1.03	15.69	2.93	3.77	.00	.00	.00	23.02
TOTAL	3.81	24.19	38.71	17.16	.59	.00	.29	84.75

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.59	.59	.15	.29	.00	.00	.59	2.20
5 TO 9	.29	.15	.15	.00	.00	.00	.00	.59
10- UP	.00	.15	.15	.15	.00	.00	.00	.44
TOTAL	.88	.88	.44	.44	.00	.00	.59	3.23

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.17	1.17	.59	.73	.00	.00	.29	3.96
5 TO 9	4.99	6.01	3.67	.15	.00	.00	.59	15.60
10- UP	46.92	20.67	3.23	.00	.00	.00	5.72	76.54
TOTAL	53.08	27.86	7.48	.88	.00	.00	6.60	95.89

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 19 NUMBER OBS. 6*2

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.03	6.01	3.81	.29	.00	.00	.29	11.44
5 TO 9	.29	1.17	.15	.15	.00	.00	.00	1.76
10- UP	.00	.00	.15	.00	.00	.00	.00	.15
TOTAL	1.32	7.18	4.11	.44	.00	.00	.29	13.34

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.61	12.46	9.53	1.32	.15	.00	.29	25.37
5 TO 9	4.69	13.20	28.89	2.05	.15	.00	.00	48.97
10- UP	.44	9.82	1.47	.15	.00	.00	.00	11.38
TOTAL	6.74	35.48	39.88	3.52	.29	.00	.29	86.22

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.88	.15	.00	.00	.00	.00	.15	1.17
5 TO 9	.15	.29	.00	.00	.00	.00	.00	.44
10- UP	.00	.15	.00	.15	.00	.00	.00	.29
TOTAL	1.03	.59	.00	.15	.00	.00	.15	1.91

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.76	3.77	.88	.15	.00	.00	.29	6.45
5 TO 9	18.33	9.24	1.61	.15	.00	.00	2.20	31.52
10- UP	42.52	12.46	.44	.00	.00	.00	4.11	59.53
TOTAL	62.61	25.07	2.93	.29	.00	.00	6.60	97.51

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 8.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 20 NUMBER OBS. 6P2

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.17	3.81	1.17	.00	.00	.00	.29	6.45
5 TO 9	.15	.59	.29	.00	.00	.00	.00	1.03
10- UP	.15	.00	.00	.00	.00	.00	.00	.15
TOTAL	1.47	4.40	1.47	.00	.00	.00	.29	7.62

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.99	19.79	7.49	1.32	.15	.00	.44	34.16
5 TO 9	9.38	17.89	20.82	.00	.00	.00	.15	48.24
10- UP	.73	7.04	.29	.15	.00	.00	.15	8.36
TOTAL	15.10	44.72	28.59	1.47	.15	.00	.73	90.76

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.59	.00	.00	.00	.00	.00	.15	.73
5 TO 9	.00	.15	.15	.00	.00	.00	.00	.29
10- UP	.00	.00	.00	.00	.00	.00	.15	.15
TOTAL	.59	.15	.15	.00	.00	.00	.29	1.17

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.72	2.20	.44	.15	.00	.00	1.47	9.97
5 TO 9	31.23	7.77	.59	.00	.00	.00	4.69	44.28
10- UP	33.58	6.60	.15	.00	.00	.00	2.64	42.96
TOTAL	70.53	16.57	1.17	.15	.00	.00	8.80	97.21

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 21 NUMBER OBS. 6P2

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.88	1.76	.73	.00	.00	.00	.15	3.52
5 TO 9	.15	.29	.00	.00	.00	.00	.00	.44
10- UP	.15	.00	.15	.00	.00	.00	.00	.29
TOTAL	1.17	2.05	.88	.00	.00	.00	.15	4125

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.41	21.55	4.69	.59	.00	.00	1.61	38.86
5 TO 9	19.21	17.74	12.46	.29	.00	.00	.29	50.00
10- UP	1.32	3.67	.15	.00	.00	.00	.00	5.13
TOTAL	30.94	42.96	17.30	.88	.00	.00	1.91	93.99

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.44	.15	.00	.00	.00	.00	.59	
5 TO 9	.15	.15	.00	.00	.00	.00	.00	.29
10- UP	.00	.00	.00	.00	.00	.00	.15	.15
TOTAL	.59	.29	.00	.00	.00	.00	.15	1.03

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.36	1.47	.00	.00	.00	.00	3.96	13.78
5 TO 9	42.96	6.30	.29	.00	.00	.00	6.01	55.57
10- UP	22.43	4.25	.00	.00	.00	.00	1.17	27.86
TOTAL	73.75	12.02	.29	.00	.00	.00	11.14	97.21

TABLE 8.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 22 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.03	1.17	.00	.00	.00	.00	.29	3.49
5 TO 9	.29	.29	.00	.00	.00	.00	.00	.73
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	1.32	1.47	.15	.00	.00	.00	.29	7.23

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.90	18.77	2.93	.73	.15	.00	3.37	38.86
5 TO 9	26.83	14.22	7.77	.44	.00	.00	.29	49.56
10- UP	1.32	3.52	.00	.00	.00	.00	.00	4.84
TOTAL	41.06	36.51	10.70	1.17	.15	.00	3.67	93.26

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGE							
1 TO 4	.15	.15	.00	.00	.00	.00	.15	.44
5 TO 9	.15	.00	.00	.00	.00	.00	.15	.29
10- UP	.00	.15	.00	.00	.00	.00	.00	.15
TOTAL	.29	.29	.00	.00	.00	.00	.29	.88

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.88	1.32	.00	.00	.00	.00	5.43	18.62
5 TO 9	44.72	6.60	.15	.00	.00	.00	3.52	54.99
10- UP	18.33	2.64	.29	.00	.00	.00	.73	21.99
TOTAL	74.93	10.56	.44	.00	.00	.00	9.68	95.60

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF AUG.

HOUR 23 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.44	.59	.00	.00	.00	.00	.00	1.03
5 TO 9	.15	.00	.00	.00	.00	.00	.00	.15
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	.59	.59	.00	.00	.00	.00	.00	1.17

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	[illegible]	11.58	2.64	.44	.00	.00	4.25	33.43
5 TO 9	[illegible]	12.02	4.69	.15	.00	.00	.59	56.45
10- UP	1.61	3.67	.00	.00	.00	.00	.15	5.43
TOTAL	55.13	27.27	7.33	.59	.00	.00	4.99	95.31

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	.29	.00	.00	.00	.00	.00	.00	.29
5 TO 9	.15	.00	.00	.00	.00	.00	.00	.15
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	.44	.00	.00	.00	.00	.00	.00	.44

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.52	1.76	.00	.00	.00	.00	5.28	21.55
5 TO 9	46.77	7.48	.00	.00	.00	.00	3.96	58.21
10- UP	12.90	2.49	.00	.00	.00	.00	.88	16.28
TOTAL	74.19	11.73	.00	.00	.00	.00	10.12	96.04

TABLE 8.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF AUG.

*** RUNWAY 17 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	2.40	1.47	.93	1.49	63.33
03-05	4.99	2.89	2.10	2.98	76.49
06-08	7.15	4.16	2.99	4.39	59.22
09-11	14.78	8.81	5.97	9.58	56.83
12-14	14.49	6.12	8.37	7.25	53.77
15-17	8.96	5.24	3.72	5.90	33.19
18-20	9.01	2.79	6.22	3.16	52.48
21-23	3.03	.93	2.10	.96	72.88
00-23	8.10	4.05	4.05	4.40	51.64

*** RUNWAY 35 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	7.64	2.69	4.94	39.86	5.30
03-05	15.66	4.75	10.92	26.80	13.27
06-08	15.91	6.95	8.96	23.59	12.70
09-11	19.43	10.13	9.30	26.57	15.03
12-14	18.45	12.29	6.17	43.96	8.56
15-17	10.52	5.24	5.29	35.08	6.21
18-20	9.94	6.36	3.28	40.81	3.76
21-23	5.82	3.13	2.69	53.78	2.86
00-23	12.89	6.44	6.44	33.57	7.97

*** RUNWAY 22 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	1.17	.83	.34	.84	36.85
03-05	2.99	1.71	1.27	1.75	61.90
06-08	6.36	4.06	2.30	4.24	54.02
09-11	14.19	8.47	5.73	9.63	47.56
12-14	13.17	4.99	8.17	5.83	56.39
15-17	3.77	1.22	2.55	1.29	48.15
18-20	1.71	.49	1.22	.50	58.14
21-23	.69	.24	.49	.25	56.25
00-23	5.51	2.75	2.75	2.90	53.19

*** RUNWAY 4 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	6.61	2.20	4.41	35.71	4.69
03-05	14.83	4.50	10.33	26.82	12.41
06-08	15.22	6.31	8.91	21.98	12.50
09-11	16.79	8.81	7.98	22.93	12.96
12-14	16.74	11.89	4.85	44.67	6.60
15-17	5.58	4.21	1.37	46.24	1.51
18-20	2.30	1.37	.93	43.75	.96
21-23	3.87	1.66	2.20	44.74	2.29
00-23	10.24	5.12	5.12	30.87	6.14

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 8.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF AUG.

*** RUNWAY 17 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	1.39	.10	.00	1.49
03-05	2.83	.15	.00	2.98
06-08	3.87	.52	.00	4.38
09-11	8.15	1.77	.06	9.98
12-14	5.28	1.86	.12	7.25
15-17	4.76	.99	.55	5.90
18-20	3.00	.06	.11	3.16
21-23	.81	.15	.00	.96
00-23	3.63	.67	.10	4.40

*** RUNWAY 35 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	28.99	10.87	.00	39.86
03-05	19.34	7.1[illegible]	.26	26.80
06-08	17.77	5.81	.00	23.59
09-11	18.74	7.32	.51	26.57
12-14	25.04	15.59	3.33	43.96
15-17	18.69	11.15	5.25	35.08
18-20	30.27	17.62	1.92	49.81
21-23	28.57	23.53	1.68	53.78
00-23	21.55	10.52	1.50	33.57

8.4B

*** RUNWAY 22 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 6	> 8	TOTAL
00-02	.74	.10	.00	.84
03-05	1.45	.30	.00	1.75
06-08	3.73	.51	.00	4.24
09-11	8.24	1.34	.06	9.63
12-14	4.61	1.08	.11	5.81
15-17	.98	.21	.10	1.29
18-20	.25	.10	.15	.50
21-23	.10	.15	.00	.25
00-23	2.40	.45	.05	2.90

*** RUNWAY 4 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	23.81	11.11	.79	35.71
03-05	18.66	8.16	.00	26.82
06-08	14.82	6.13	1.02	21.98
09-11	15.54	6.88	.51	22.93
12-14	21.14	18.38	5.15	44.67
15-17	11.29	10.90	22.04	46.24
18-20	21.88	18.75	3.13	43.75
21-23	23.68	17.11	3.95	44.74
00-23	17.37	10.37	3.14	30.87

TABLE 8.5. EDWARDS AFB HEADWIND COMPONENT CUMULATIVE PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF AUG.

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 17 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 35 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	27.69	34.18	19.04	6.71	22.02	*	86.21	75.64	54.64	29.51	66.92
1- 2	35.25	41.22	27.72	11.50	29.07	*	92.86	84.10	65.85	41.64	76.09
2- 3	43.64	49.09	35.36	18.99	36.88	*	95.51	89.23	77.27	63.93	84.46
3- 4	55. 3	59.72	44.62	25.32	46.40	*	98.50	92.82	85.64	73.77	89.95
4- 5	61.97	65.10	50.69	28.78	51.80	*	99.34	95.26	89.67	78.36	92.65
5- 6	71.44	73.85	60.47	34.95	60.35	*	99.83	97.69	93.70	83.97	95.39
6- 7	83.32	82.38	69.68	42.60	69.71	*	99.83	98.85	97.37	87.54	97.21
7- 8	89.63	87.31	76.56	51.13	76.37	*	100.00	99.49	98.60	91.80	98.36
8- 9	93.57	90.97	81.89	62.63	82.45	*	******	99.74	99.12	93.44	98.60
9-10	96.09	93.91	86.17	71.27	87.01	*	******	99.87	99.12	95.08	99.07
10-11	97.74	96.29	90.39	77.11	90.50	*	******	99.87	99.30	96.72	99.34
11-12	98.56	97.56	91.96	81.18	92.42	*	******	100.00	99.47	97.38	99.51
12-13	99.38	99.00	95.49	87.89	95.50	*	******	******	99.65	98.03	99.65
13-14	99.74	99.34	96.64	90.53	96.61	*	******	******	99.82	98.69	99.78
14-15	99.90	99.61	97.45	93.29	97.60	*	******	******	99.82	99.02	99.82
15-16	99.95	99.72	98.67	95.93	98.59	*	******	******	100.00	100.00	100.00
16-17	100.00	99.78	99.13	96.75	96.93	*	******	******	******	******	******
17-18	******	100.00	99.48	98.46	99.49	*	******	******	******	******	******
18-19	******	******	99.77	99.28	99.77	*	******	******	******	******	******
19-20	******	******	99.83	100.00	99.96	*	******	******	******	******	******
20-21	******	******	100.00	******	100.00	*	******	******	******	******	******
NOBS	1943	1805	1728	1817	7293	*	602	780	571	305	2258

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 8.5. (Concluded)

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF AUG.

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 22 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 4 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	26.95	32.22	17.84	5.06	20.38	*	87.39	72.74	54.41	47.31	69.84
1- 2	32.52	36.83	22.27	6.86	24.47	*	93.02	80.64	66.73	59.68	78.64
2- 3	38.85	42.06	26.65	8.67	28.90	*	96.25	87.77	77.21	67.20	85.59
3- 4	47.73	49.28	32.50	10.68	34.88	*	98.13	94.01	87.13	74.73	91.67
4- 5	56.56	54.39	37.73	12.64	40.18	*	98.98	96.05	90.99	80.65	94.20
5- 6	64.93	60.72	44.43	15.79	46.31	*	99.32	97.83	93.75	87.10	96.24
6- 7	73.05	65.56	50.28	18.52	51.70	*	99.66	99.11	96.69	91.40	97.95
7- 8	81.11	72.78	56.42	22.91	58.15	*	99.83	99.62	97.79	94.62	98.76
8- 9	85.96	77.56	61.59	26.42	62.71	*	100.00	99.75	98.[illegible]5	96.24	99.14
9-10	90.86	83.44	67.78	31.37	66.16	*	******	99.87	99.[illegible]	97.31	99.48
10-11	93.16	86.11	71.14	35.71	71.33	*	******	99.87	99.26	98.39	99.62
11-12	95.46	90.33	78.07	42.52	76.36	*	******	100.00	99.26	99.46	99.76
12-13	96.78	92.78	80.68	48.35	79.43	*	******	******	99.45	100.00	99.86
13-14	98.16	95.39	86.42	56.81	83.97	*	******	******	99.82	******	99.95
14-15	98.72	96.67	89.94	66.41	87.76	*	******	******	99.82	******	99.95
15-16	99.23	97.67	92.27	73.74	90.59	*	******	******	99.82	******	99.95
16-17	99.49	98.17	94.26	80.70	93.05	*	******	******	99.82	******	99.95
17-18	99.74	98.94	96.99	86.75	96.04	*	******	******	99.82	******	99.95
18-19	99.80	99.44	97.90	93.03	97.51	*	******	******	99.82	******	99.95
19-20	99.90	99.72	98.81	97.21	98.90	*	******	******	99.82	******	99.95
20-21	100.00	99.94	99.04	98.09	99.28	*	******	******	99.82	******	99.95
21-22	******	100.00	99.55	99.12	99.66	*	******	******	99.82	******	99.95
22-23	******	******	99.77	99.69	99.87	*	******	******	99.82	******	99.95
23-24	******	******	99.94	99.95	99.97	*	******	******	100.00	******	100.00
24-25	******	******	99.94	99.95	99.97	*	******	******	******	******	******
25-26	******	******	99.94	99.95	99.97	*	******	******	******	******	******
26-27	******	******	100.00	99.95	99.99	*	******	******	******	******	******
27-28	******	******	******	100.00	100.00	*	******	******	******	******	******
NOBS	1959	1800	1760	1938	7457	*	587	785	544	186	2102

TABLE 8.6. EDWARDS AFB BIVARIATE NORMAL STATISTICS
(AUGUST, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 8/43 - 8/67
MONTH OF RECORD - 8.
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	2.67	2.03	2.77	2.09	2.54	.4387	733
1	5.29	1.94	3.88	2.52	4.33	.4429	753
2	4.14	2.54	3.90	3.21	3.09	.2472	748
3	2.54	4.12	4.78	4.05	3.38	.1748	720
4	2.21	4.55	5.29	4.18	5.98	.2701	707
5	2.62	4.34	5.57	4.84	7.73	.2868	698
6	3.81	4.34	6.08	5.16	7.29	.2324	687
7	4.91	4.57	6.71	5.53	7.07	.1904	611
8	6.31	5.31	7.30	6.20	8.41	.1660	600
9	7.98	6.48	7.92	6.89	8.96	.1641	598
10	9.55	8.11	8.81	7.76	7.64	.1118	593
11	10.93	9.60	9.53	8.76	-.90	-.0108	586
12	11.54	10.55	9.86	9.12	-1.01	-.0112	585
13	11.38	10.45	9.12	8.64	.84	.0107	585
14	10.49	9.31	7.98	7.41	5.45	.0922	582
15	8.30	7.01	6.54	5.87	5.59	.1455	574
16	4.53	4.48	5.20	4.47	3.53	.1518	560
17	.85	2.85	3.95	3.36	.90	.0675	550
18	-2.25	1.50	3.41	2.88	1.08	.1094	542
19	-4.76	.88	3.16	2.31	1.35	.1848	533
20	-6.53	.72	3.13	2.29	.80	.1119	528
21	-8.08	.56	3.22	2.01	.49	.0759	503
22	-9.36	.26	3.07	2.02	.91	.1465	492
23	-10.61	.07	3.27	2.10	1.42	.2070	483
24	-11.56	.01	3.76	2.35	1.67	.1884	478
25	-12.47	.08	3.65	2.36	.84	.0973	452
26	-13.21	.17	3.73	2.45	.58	.0638	447
27	-13.75	.04	4.12	2.98	.41	.0333	420

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

ORIGINAL PAGE IS
OF POOR QUALITY

SEPTEMBER

PRECEDING PAGE BLANK NOT FILMED

TABLE 9.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF SEPT.

RUNWAY 17 - 35

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	51.47	16.28	4.45	.68	.00	.00	27.15	1978
03-05	45.45	10.56	3.33	.51	.05	.00	40.10	1980
06-08	33.33	10.40	3.48	.96	.05	.00	51.77	1980
09-11	28.03	15.96	8.03	2.07	.10	.00	45.81	1980
12-14	31.97	23.89	14.60	5.30	.71	.00	23.54	1980
15-17	20.71	25.81	26.46	11.26	.96	.0	14.75	1980
18-20	23.18	41.41	22.32	4.14	.10	.00	8.84	1980
21-23	47.58	24.55	7.47	1.11	.00	.00	19.29	1980
00-23	35.21	21.11	11.27	3.25	.25	.01	28.91	15838

9.1A

****

RUNWAY 22 - 4

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	59.96	7.58	.40	.05	.00	.00	32.00	1978
03-05	46.62	6.16	.45	.05	.00	.00	46.72	1980
06-08	41.92	5.25	.35	.00	.00	.00	52.47	1980
09-11	43.13	6.97	1.11	.05	.00	.00	48.74	1980
12-14	52.27	16.67	2.68	.56	.05	.00	27.58	1980
15-17	50.56	19.95	7.37	1.36	.10	.00	20.66	1980
18-20	61.82	20.00	2.88	.30	.00	.00	15.00	1980
21-23	63.59	11.87	.45	.15	.00	.00	23.94	1980
00-23	52.48	11.83	1.96	.32	.02	.00	33.39	15838

9.1B

****

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** 1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	PERCENTAGES							
00-02	56.22	2.33	.25	.05	.00	.00	41.15	1978
03-05	43.18	2.27	.35	.00	.00	.00	54.19	1980
06-08	35.96	2.22	.35	.00	.00	.00	61.46	1980
09-11	38.28	4.80	.86	.00	.00	.00	56.06	1980
12-14	50.25	12.47	2.27	.40	.05	.00	34.55	1980
15-17	49.65	18.03	6.57	.86	.00	.00	24.90	1980
18-20	63.79	17.07	2.63	.15	.00	.00	16.36	1980
21-23	62.37	6.21	.20	.15	.00	.00	31.06	1980
00-23	49.96	8.18	1.69	.20	.01	.00	39.97	15838

9.1C

PRECEDING PAGE BLANK NOT FILMED

TABLE 9.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF SEPT.

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	6.27	.61	.00	1979	42.72	30.89	3.44
03-05	8.84	.86	.00	1980	36.97	20.00	2.58
06-08	10.81	1.26	.15	1980	24.90	18.79	3.03
09-11	13.64	3.28	.71	1980	22.63	17.53	5.66
12-14	20.96	7.27	1.31	1980	24.39	19.39	11.16
15-17	17.27	5.91	1.67	1980	22.22	27.02	16.67
18-20	15.05	3.43	.25	1980	34.80	31.92	7.73
21-23	7.53	1.11	.00	1980	42.02	34.44	4.04
00-23	12.55	2.97	.51	15838	31.73	25.00	6.79

9.2A

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	4.04	.15	.00	1979	37.97	33.27	8.39
03-05	5.15	.51	.00	1980	35.96	20.86	6.77
06-08	7.27	1.21	.15	1980	25.56	16.46	8.23
09-11	13.03	3.46	1.46	1980	15.25	15.30	14.65
12-14	18.03	7.17	4.24	1980	13.13	17.27	24.19
15-17	9.80	5.51	3.43	1980	11.92	16.52	43.03
18-20	6.21	2.68	.35	1980	15.71	34.44	33.33
21-23	4.39	.91	.00	1980	31.82	38.43	13.54
00-23	8.49	2.70	1.21	15838	23.41	24.07	19.02

9.23

TABLE 9.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 0 NUMBER OBS. 658

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	3.19	1.22	.15	.00	.00	.00	1.67	6.23	*	22.80	8.97	1.22	.30	.00	.00	9.88	43.16
5 TO 9	.15	.00	.00	.00	.00	.00	.15	.30	*	24.77	5.32	3.80	.15	.00	.00	.46	34.50
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	*	.76	2.28	.30	.30	.00	.00	.00	3.65
TOTAL	3.34	1.22	.15	.00	.00	.00	1.82	6.53	*	48.33	16.57	5.32	.76	.00	.00	10.33	81.31

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	2.74	.46	.00	.00	.00	.00	.76	3.95	*	26.14	1.82	.00	.00	.00	.00	10.03	37.99
5 TO 9	.00	.00	.00	.00	.00	.00	.00	.00	*	28.88	3.34	.15	.00	.00	.00	2.89	35.26
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	*	8.21	1.67	.00	.00	.00	.00	.46	10.33
TOTAL	2.74	.46	.00	.00	.00	.00	.76	3.95	*	63.22	6.84	.15	.00	.00	.00	13.37	83.59

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 1 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	4.39	.30	.00	.15	.00	.00	.91	5.76	*	22.12	8.75	.91	.00	.00	.00	9.09	40.91
5 TO 9	.61	.15	.00	.00	.00	.00	.15	.91	*	24.55	5.61	2.27	.30	.00	.00	.30	33.03
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	*	.61	2.12	.30	.15	.00	.00	.00	3.18
TOTAL	5.00	.45	.00	.15	.00	.00	1.06	6.67	*	47.27	16.52	3.48	.45	.00	.00	9.39	77.12

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	2.88	.30	.15	.00	.00	.00	.76	4.09	*	21.82	2.88	.00	.00	.00	.00	11.82	36.52
5 TO 9	.15	.15	.00	.00	.00	.00	.00	.30	*	28.18	4.39	.00	.00	.00	.00	3.03	35.61
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	*	5.30	1.21	.00	.15	.00	.00	.61	7.27
TOTAL	3.03	.45	.15	.00	.00	.00	.76	4.39	*	55.30	8.48	.00	.15	.00	.00	15.45	79.39

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 9.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 2 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.09	.61	.45	.15	.00	.00	1.52	6.82
5 TO 9	.30	.15	.00	.00	.00	.00	.15	.61
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	4.39	.76	.45	.15	.00	.00	1.67	7.42

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	26.67	7.98	1.36	.15	.00	.00	8.03	44.09
5 TO 9	18.48	3.33	2.42	.30	.00	.00	.61	25.15
10- UP	1.21	2.12	.15	.00	.00	.00	.00	3.48
TOTAL	46.36	13.33	3.94	.45	.00	.00	8.64	72.73

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.18	.15	.00	.00	.00	.00	.76	4.09
5 TO 9	.15	.00	.00	.00	.00	.00	.00	.15
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	3.33	.15	.00	.00	.00	[illegible]	.76	4.24

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	24.70	1.52	.00	.00	.00	.00	13.18	39.39
5 TO 9	22.12	3.33	.61	.00	.00	.00	2.88	28.94
10- UP	5.45	1.52	.30	.00	.00	.00	.30	7.58
TOTAL	52.27	6.36	.91	.00	.00	.00	16.36	75.91

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 3 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.30	.45	.15	.15	.00	.00	2.27	8.33
5 TO 9	.15	.15	.00	.00	.00	.00	.15	.45
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	5.45	.61	.15	.15	.00	.00	2.42	8.79

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	24.39	6.36	1.67	.15	.00	.00	6.67	39.24
5 TO 9	17.73	3.03	1.82	.15	.00	.00	.61	23.33
10- UP	.61	1.82	.15	.15	.00	.00	.00	2.73
TOTAL	42.73	11.21	3.64	.45	.00	.00	7.27	65.30

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.64	.00	.00	.00	.00	.00	1.21	4.85
5 TO 9	.15	.00	.00	.00	.00	.00	.30	.45
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	3.79	.00	.00	.00	.00	.00	1.52	5.30

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	21.82	1.21	.00	.00	.00	.00	13.64	36.67
5 TO 9	18.64	4.24	.15	.00	.00	.00	1.82	24.85
10- UP	4.70	1.52	.15	.00	.00	.00	.91	7.27
TOTAL	45.15	6.97	.30	.00	.00	.00	16.36	68.79

TABLE 9.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 4 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.76	.61	.15	.00	.00	.00	1.82	8.33
5 TO 9	.61	.45	.00	.00	.00	.00	.15	1.21
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	6.36	1.06	.15	.00	.00	.00	1.97	9.55

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	25.45	4.70	.91	.30	.00	.00	7.12	38.48
5 TO 9	13.64	3.73	2.12	.15	.00	.00	.61	19.85
10- UP	.61	1.67	.15	.00	.00	.00	.00	2.42
TOTAL	39.70	9.70	3.18	.45	.00	.00	7.73	60.76

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.94	.15	.00	.00	.00	.00	.61	4.70
5 TO 9	.00	.15	.00	.00	.00	.00	.45	.61
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	3.94	.30	.00	.00	.00	.00	1.06	5.30

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	25.45	1.67	.15	.00	.00	.00	12.27	39.55
5 TO 9	14.55	2.27	.15	.00	.00	.00	2.12	19.09
10- UP	4.24	1.36	.30	.00	.00	.00	.45	6.36
TOTAL	44.24	5.30	.61	.00	.00	.00	14.85	65.00

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 5 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.97	.30	.15	.15	.00	.00	2.27	9.85
5 TO 9	.61	.15	.15	.00	.00	.00	.00	.91
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	7.58	.45	.30	.15	.00	.00	2.27	10.76

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	21.36	4.55	.76	.30	.15	.00	6.06	33.18
5 TO 9	12.59	2.12	1.82	.00	.00	.00	.30	16.82
10- UP	.61	1.97	.00	.00	.00	.00	.00	2.58
TOTAL	34.55	8.64	2.59	.30	.15	.00	6.36	52.58

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.33	.45	.00	.00	.00	.00	2.12	5.91
5 TO 9	.45	.00	.00	.00	.00	.00	.00	.45
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	3.79	.45	.00	.00	.00	.00	2.12	6.36

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	21.67	1.21	.00	.00	.00	.00	8.79	31.67
5 TO 9	13.33	2.42	.00	.15	.00	.00	2.73	18.64
10- UP	3.94	1.82	.45	.00	.00	.00	.45	6.67
TOTAL	38.94	5.45	.45	.15	.00	.00	11.97	56.97

TABLE 9.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 6 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	8.64	.76	.00	.00	.00	.00	4.39	13.79	16.21	3.64	.76	.15	.00	.00	5.76	26.52
5 TO 9	.45	.30	.15	.00	.00	.00	.00	.91	11.21	3.64	1.21	.30	.00	.00	.30	16.67
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	.45	1.36	.00	.00	.15	.00	.00	1.97
TOTAL	9.09	1.06	.15	.00	.00	.00	4.39	14.70	27.88	8.64	1.97	.45	.15	.00	6.06	45.15

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	5.45	.45	.00	.00	.00	.00	1.21	7.12	20.76	.61	.15	.00	.00	.00	8.48	30.00
5 TO 9	.91	.00	.00	.00	.00	.00	.15	1.06	12.58	2.27	.00	.00	.00	.00	1.36	16.21
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	4.39	.91	.00	.00	.00	.00	.15	5.45
TOTAL	6.35	.45	.00	.00	.00	.00	1.36	8.18	37.73	3.79	.15	.00	.00	.00	10.00	51.67

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 7 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	5.30	.76	.15	.00	.00	.00	2.58	8.79	14.09	2.58	.61	.61	.00	.00	7.27	25.15
5 TO 9	1.36	.15	.15	.00	.00	.00	.00	1.67	13.33	3.94	1.36	.00	.00	.00	.30	19.94
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	.45	2.58	.30	.30	.00	.00	.00	3.64
TOTAL	6.67	.91	.30	.00	.00	.00	2.58	10.45	27.88	9.09	2.27	.91	.00	.00	7.58	47.73

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	4.39	1.06	.00	.00	.00	.00	1.21	6.67	16.67	1.06	.15	.00	.00	.00	8.18	26.06
5 TO 9	.76	.00	.00	.00	.00	.00	.30	1.06	12.12	3.33	.00	.00	.00	.00	1.06	16.52
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	5.61	1.36	.15	.00	.00	.00	.76	7.88
TOTAL	5.15	1.06	.00	.00	.00	.00	1.52	7.73	34.39	5.76	.30	.00	.00	.00	10.00	50.45

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 9.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 8 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.30	.76	.45	.15	.00	.00	3.18	9.85
5 TO 9	1.06	.00	.15	.00	.00	.00	.00	1.21
10- UP	.15	.30	.00	.00	.00	.00	.00	.45
TOTAL	6.52	1.06	.61	.15	.00	.00	3.18	11.52

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.06	2.73	1.36	.45	.00	.00	7.42	23.03
5 TO 9	10.30	5.30	3.64	.76	.00	.00	.76	20.76
10- UP	.61	2.42	.30	.15	.00	.00	.00	3.48
TOTAL	21.97	10.45	5.30	1.36	.00	.00	8.18	47.27

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.30	.45	.00	.00	.00	.00	2.27	8.03
5 TO 9	1.06	.30	.00	.00	.00	.00	.15	1.52
10- UP	.15	.30	.00	.00	.00	.00	.00	.45
TOTAL	6.52	1.06	.00	.00	.00	.00	2.42	10.00

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.55	.45	.15	.00	.00	.00	5.45	20.61
5 TO 9	12.88	1.82	.15	.00	.00	.00	1.82	16.67
10- UP	8.19	1.36	.30	.00	.00	.00	1.52	11.36
TOTAL	35.61	3.64	.61	.00	.00	.00	8.79	48.64

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 9 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.24	1.21	.45	.00	.00	.00	2.12	8.03
5 TO 9	1.21	.45	.00	.00	.00	.00	.00	1.67
10- UP	.00	.15	.30	.00	.00	.00	.15	.61
TOTAL	5.45	1.82	.76	.00	.00	.00	2.27	10.30

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.97	4.09	1.82	.30	.00	.00	6.82	25.00
5 TO 9	9.39	5.45	3.03	.30	.00	.00	.45	18.64
10- UP	.45	3.73	.76	.45	.15	.00	.00	5.15
TOTAL	21.82	12.88	5.61	1.06	.15	.00	7.27	48.79

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.76	.45	.00	.00	.00	.00	2.27	8.48
5 TO 9	1.82	.00	.30	.00	.00	.00	.30	2.42
10- UP	.30	.30	.00	.00	.00	.00	.30	.91
TOTAL	7.88	.76	.30	.00	.00	.00	2.88	11.82

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.52	1.06	.00	.00	.00	.00	5.76	18.33
5 TO 9	12.58	1.82	.15	.00	.00	.00	1.36	15.91
10- UP	8.64	2.73	.15	.00	.00	.00	1.36	12.88
TOTAL	32.73	5.61	.30	.00	.00	.00	8.48	47.12

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 9.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 10 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.88	.76	.30	.45	.00	.00	3.33	12.73
5 TO 9	1.36	.76	.15	.30	.00	.00	.30	2.88
10- UP	.15	.45	.30	.00	.00	.00	.00	.91
TOTAL	9.39	1.97	.76	.76	.00	.00	3.64	16.52

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.64	5.45	1.82	.30	.00	.00	4.85	21.06
5 TO 9	7.88	4.70	3.94	1.21	.00	.00	.15	17.88
10- UP	.45	2.88	.61	.76	.00	.00	.00	4.70
TOTAL	16.97	13.03	6.36	2.27	.00	.00	5.00	43.64

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.33	.45	.00	.00	.00	.00	3.79	12.58
5 TO 9	1.97	.45	.00	.00	.00	.00	.45	2.88
10- UP	.30	.61	.00	.00	.00	.00	.30	1.21
TOTAL	10.61	1.52	.00	.00	.00	.00	4.55	16.67

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.94	.76	.15	.00	.00	.00	3.79	13.64
5 TO 9	13.18	.61	.45	.00	.00	.00	1.21	15.45
10- UP	9.55	2.88	.61	.00	.00	.00	1.21	14.24
TOTAL	31.67	4.24	1.21	.00	.00	.00	6.21	43.33

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 11 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.97	2.27	1.06	.00	.00	.00	4.85	20.15
5 TO 9	2.88	1.67	.30	.30	.00	.00	.15	5.30
10- UP	.00	.15	.30	.15	.00	.00	.00	.61
TOTAL	14.85	4.09	1.67	.45	.00	.00	5.00	26.06

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.94	5.01	2.88	.45	.00	.00	3.64	21.82
5 TO 9	6.52	4.09	4.85	.61	.00	.00	.00	16.06
10- UP	.61	4.24	1.36	.61	.15	.00	.15	7.12
TOTAL	16.06	14.24	9.09	1.67	.15	.00	3.79	45.00

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.91	.91	.00	.00	.00	.00	6.21	18.03
5 TO 9	3.18	.15	.30	.00	.00	.00	1.52	5.15
10- UP	.61	.76	.15	.00	.00	.00	.76	2.27
TOTAL	14.70	1.82	.45	.00	.00	.00	8.48	25.45

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.00	.30	.30	.15	.00	.00	3.03	13.79
5 TO 9	10.45	2.73	.30	.00	.00	.00	1.06	14.55
10- UP	11.36	3.94	.45	.00	.00	.00	1.06	16.82
TOTAL	31.82	6.97	1.06	.15	.00	.00	5.15	45.15

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 9.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 12 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.27	3.33	1.67	.30	.30	.00	5.30	23.18
5 TO 9	3.94	1.52	1.06	.61	.00	.00	.00	7.12
10- UP	.15	.61	.30	.00	.00	.00	.00	1.06
TOTAL	16.36	5.45	3.03	.91	.30	.00	5.30	31.36

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.64	6.97	3.18	.76	.00	.00	5.00	24.55
5 TO 9	6.21	3.48	5.91	.91	.00	.00	.00	16.52
10- UP	1.36	5.45	1.82	.76	.15	.00	.00	9.55
TOTAL	16.21	15.91	10.91	2.42	.15	.00	5.00	50.61

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.03	1.67	.00	.15	.00	.00	5.76	20.61
5 TO 9	4.55	1.67	.15	.00	.00	.00	.91	7.27
10- UP	1.36	1.21	.45	.00	.00	.00	.76	3.79
TOTAL	16.94	4.55	.61	.15	.00	.00	7.42	31.67

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.30	1.36	.15	.15	.00	.00	2.42	14.39
5 TO 9	10.00	3.33	.30	.30	.00	.00	1.21	15.15
10- UP	12.12	5.91	.45	.00	.00	.00	1.52	20.00
TOTAL	32.42	10.61	.91	.45	.00	.00	5.15	49.55

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 13 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.85	4.39	1.82	.76	.00	.00	3.64	20.45
5 TO 9	3.18	2.73	1.06	.45	.00	.00	.15	7.58
10- UP	.15	.45	.30	.15	.00	.00	.00	1.06
TOTAL	13.18	7.58	3.18	1.36	.00	.00	3.79	29.09

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.45	7.58	3.64	1.36	.15	.00	2.27	25.45
5 TO 9	8.03	7.94	5.00	1.82	.00	.00	1.06	19.85
10- UP	1.21	5.45	1.97	1.52	.15	.30	.00	10.30
TOTAL	19.70	16.97	10.61	4.70	.30	.30	3.33	55.61

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.18	1.82	.00	.15	.00	.00	3.79	18.94
5 TO 9	5.30	.91	.00	.00	.00	.00	1.21	7.42
10- UP	1.06	1.21	.30	.00	.00	.00	1.36	3.94
TOTAL	19.55	3.94	.30	.15	.00	.00	6.36	30.30

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.33	1.52	.15	.00	.00	.00	2.27	12.58
5 TO 9	13.48	3.64	.45	.15	.00	.00	.76	18.48
10- UP	11.97	8.03	.91	.30	.00	.00	1.97	23.18
TOTAL	33.79	13.18	1.82	.45	.00	.00	5.00	54.24

TABLE 9.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 14 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.00	2.73	3.03	1.06	.30	.00	2.12	19.24
5 TO 9	2.73	2.88	.91	.45	.15	.00	.00	7.12
10- UP	.61	.61	.15	.45	.00	.00	.00	1.82
TOTAL	13.33	6.21	4.09	1.97	.45	.00	2.12	28.18

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.79	6.67	3.79	.91	.30	.00	2.73	23.18
5 TO 9	6.67	5.15	7.27	2.12	.15	.00	.45	21.82
10- UP	2.27	8.03	1.21	1.52	.61	.00	.00	13.64
TOTAL	17.73	19.85	12.[illegible]	4.55	1.06	.00	3.18	58.64

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.85	1.36	.00	.00	.00	.00	3.33	14.55
5 TO 9	3.79	1.21	.30	.00	.00	.00	1.52	6.82
10- UP	1.82	1.36	.30	.00	.00	.00	1.52	5.00
TOTAL	15.45	3.94	.61	.00	.00	.00	6.36	26.36

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.48	1.06	.15	.30	.00	.00	2.42	12.42
5 TO 9	11.36	3.94	2.12	.00	.00	.00	.76	18.18
10- UP	16.82	9.39	1.52	.15	.15	.00	1.36	29.39
TOTAL	36.67	14.39	3.79	.45	.15	.00	4.55	60.00

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 15 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.42	2.58	3.33	1.36	.15	.00	2.73	17.58
5 TO 9	2.27	2.42	.91	1.06	.00	.00	.00	6.67
10- UP	.30	.76	1.06	.30	.00	.00	.00	2.42
TOTAL	10.00	5.76	5.30	2.73	.15	.00	2.73	26.67

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.55	6.21	3.33	1.06	.61	.00	3.79	24.55
5 TO 9	6.36	5.00	9.55	3.79	.00	.00	.15	24.85
10- UP	1.67	8.64	2.42	1.52	.76	.00	.00	15.00
TOTAL	17.58	19.85	15.30	6.36	1.36	.00	3.94	64.39

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.33	1.21	.15	.15	.00	.00	3.03	12.88
5 TO 9	2.58	1.21	.15	.00	.00	.00	1.36	5.30
10- UP	.91	1.52	.30	.00	.00	.00	1.82	4.55
TOTAL	11.82	3.94	.61	.15	.00	.00	6.21	22.73

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.39	1.36	.45	.61	.15	.00	2.73	14.70
5 TO 9	10.61	3.48	1.97	.61	.00	.00	1.06	17.73
10- UP	21.06	8.64	2.58	.45	.00	.00	2.42	35.15
TOTAL	41.06	13.48	5.00	1.67	.15	.00	6.21	67.58

TABLE 9.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 16 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.52	2.27	3.18	3.03	.15	.00	1.97	17.12
5 TO 9	1.36	2.42	1.06	.76	.00	.00	.15	5.76
10- UP	.00	.30	.76	.15	.00	.00	.00	1.21
TOTAL	7.88	5.00	5.00	3.94	.15	.00	2.12	24.09

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.36	5.15	5.15	1.67	.30	.15	3.48	22.27
5 TO 9	3.79	3.64	13.03	4.39	.15	.00	.00	25.00
10- UP	1.52	11.21	2.88	2.27	.45	.00	.00	18.33
TOTAL	11.67	20.00	21.06	8.33	.91	.15	3.48	65.61

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.06	.61	.15	.00	.00	.00	2.42	9.24
5 TO 9	2.73	.91	.30	.00	.00	.00	1.36	5.30
10- UP	.76	.76	.45	.00	.00	.00	1.21	3.18
TOTAL	9.55	2.27	.91	.00	.00	.00	5.00	17.73

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.18	.45	.61	.61	.00	.00	2.12	11.97
5 TO 9	7.88	2.88	2.58	.15	.00	.00	.76	14.24
10- UP	25.61	13.33	4.09	.15	.00	.00	2.27	45.45
TOTAL	41.67	16.67	7.27	.91	.00	.00	5.15	71.67

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 17 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.79	4.70	5.15	2.27	.00	.00	1.21	17.12
5 TO 9	.91	2.42	1.06	.91	.00	.00	.00	5.30
10- UP	.30	.00	.61	.45	.00	.00	.00	1.36
TOTAL	5.00	7.12	6.82	3.64	.00	.00	1.21	23.79

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.45	6.21	5.00	1.82	.00	.00	1.36	19.85
5 TO 9	3.03	4.39	18.48	5.15	.15	.00	.00	31.21
10- UP	1.67	9.55	3.18	1.97	.30	.00	.00	16.67
TOTAL	10.15	20.15	26.67	8.94	.45	.00	1.36	67.73

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.70	.61	.61	.00	.00	.00	1.36	7.27
5 TO 9	2.27	1.82	.15	.15	.00	.00	1.52	5.91
10- UP	.45	.61	.30	.00	.00	.00	1.21	2.58
TOTAL	7.42	3.03	1.06	.15	.00	.00	4.09	15.76

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.85	1.67	.61	.61	.15	.00	1.21	9.09
5 TO 9	7.42	5.00	4.09	.30	.00	.00	.76	17.58
10- UP	27.88	13.79	2.58	.30	.00	.00	3.94	48.48
TOTAL	40.15	20.45	7.27	1.21	.15	.00	5.91	75.15

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 9.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 18 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.39	6.82	4.09	.91	.00	.00	.61	16.92
5 TO 9	1.21	2.12	.76	.30	.00	.00	.00	4.39
10- UP	.15	.00	.15	.00	.00	.00	.00	.30
TOTAL	5.76	8.94	5.00	1.21	.00	.00	.61	21.52

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.49	14.24	7.73	2.12	.00	.00	.45	28.03
5 TO 9	3.03	7.58	18.19	7.42	.00	.00	.00	31.21
10- UP	1.36	7.42	.91	.91	.15	.00	.00	10.76
TOTAL	7.88	29.24	26.82	8.45	.15	.00	.45	70.00

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.94	1.82	.15	.00	.00	.00	.91	6.82
5 TO 9	1.82	1.06	.15	.00	.00	.00	1.06	4.09
10- UP	.30	.30	.00	.00	.00	.00	.30	.91
TOTAL	6.06	3.18	.30	.00	.00	.00	2.27	11.92

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.64	2.42	1.06	.15	.00	.00	.45	7.73
5 TO 9	15.00	8.33	2.73	.00	.00	.00	.45	26.52
10- UP	29.70	10.70	1.52	.15	.00	.00	3.03	44.70
TOTAL	48.33	21.06	5.30	.30	.00	.00	3.94	78.94

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 19 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.06	7.58	1.52	.45	.00	.00	.61	16.21
5 TO 9	.76	2.42	.30	.15	.00	.00	.00	3.64
10- UP	.15	.00	.30	.00	.00	.00	.00	.45
TOTAL	6.97	10.00	2.12	.61	.00	.00	.61	20.30

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.61	20.91	8.03	1.06	.00	.00	.61	36.21
5 TO 9	6.06	10.00	12.88	1.21	.00	.00	.00	30.15
10- UP	1.21	5.00	.30	.76	.15	.00	.00	7.42
TOTAL	12.88	35.91	21.21	3.03	.15	.00	.61	73.79

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.79	.91	.15	.00	.00	.00	1.21	6.06
5 TO 9	1.97	.30	.00	.15	.00	.00	.15	2.58
10- UP	.00	.00	.00	.00	.00	.00	.15	.15
TOTAL	5.76	1.21	.15	.15	.00	.00	1.52	8.79

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.03	6.06	.45	.15	.00	.00	1.21	16.21
5 TO 9	26.06	6.52	.91	.00	.00	.00	1.52	35.00
10- UP	25.30	6.82	.61	.15	.00	.00	1.06	33.94
TOTAL	59.39	19.70	1.97	.30	.00	.00	3.79	85.15

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 9.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 20 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10T014	15T019	20T024	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10T014	15T019	20T024	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	5.15	5.15	.61	.30	.00	.00	.91	12.12	*	14.85	19.85	3.64	.76	.00	.00	1.52	40.15
5 TO 9	1.21	1.06	.00	.00	.00	.00	.00	2.27	*	15.00	10.76	7.58	1.06	.00	.00	.00	34.39
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	*	.30	4.24	.00	.45	.00	.00	.00	5.00
TOTAL	6.36	6.21	.61	.30	.00	.00	.91	14.39	*	30.15	34.85	11.21	1.82	.00	.00	1.52	79.55

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10T014	15T019	20T024	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10T014	15T019	20T024	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	3.64	.61	.00	.00	.00	.00	1.52	5.76	*	13.33	4.09	.15	.00	.00	.00	5.61	23.18
5 TO 9	.91	.30	.00	.15	.00	.00	.00	1.36	*	31.82	6.52	.15	.00	.00	.00	3.33	41.82
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	*	16.21	3.33	.61	.00	.00	.00	1.21	21.36
TOTAL	4.55	.91	.00	.15	.00	.00	1.52	7.12	*	61.36	13.94	.91	.00	.00	.00	10.15	86.36

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 21 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10T014	15T019	20T024	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10T014	15T019	20T024	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	4.55	3.03	.45	.15	.00	.00	.91	9.09	*	19.55	16.36	3.48	.30	.00	.00	5.00	44.70
5 TO 9	1.36	.45	.00	.00	.00	.00	.00	1.82	*	19.70	7.73	4.09	.45	.00	.00	.15	32.12
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	*	.45	3.03	.00	.45	.00	.00	.00	3.94
TOTAL	5.91	3.48	.45	.15	.00	.00	.91	10.91	*	39.70	27.12	7.58	1.21	.00	.00	5.15	80.76

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10T014	15T019	20T024	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10T014	15T019	20T024	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	3.64	.91	.00	.00	.00	.00	1.21	5.76	*	17.27	3.18	.45	.00	.00	.00	9.39	30.30
5 TO 9	.61	.45	.00	.00	.00	.00	.15	1.21	*	31.06	5.30	.15	.00	.00	.00	2.42	38.94
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	*	10.91	3.18	.30	.15	.00	.00	.76	15.30
TOTAL	4.24	1.36	.00	.00	.00	.00	1.36	6.97	*	59.24	11.67	.91	.15	.00	.00	12.58	84.55

TABLE 9.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 22 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.70	1.06	.00	.15	.00	.00	1.21	7.12
5 TO 9	.30	.30	.00	.00	.00	.00	.00	.61
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	5.00	1.36	.00	.15	.00	.00	1.21	7.73

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.67	12.12	4.09	.00	.00	.00	7.12	40.00
5 TO 9	23.37	7.27	3.33	.70	.00	.00	.91	35.15
10- UP	.76	2.88	.30	.15	.00	.00	.00	4.09
TOTAL	40.76	22.27	7.77	.45	.00	.00	8.03	79.24

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	2.88	.61	.00	.00	.00	.00	.91	4.39
5 TO 9	.30	.00	.00	.00	.00	.00	.30	.61
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	3.18	.61	.00	.00	.00	.00	1.21	5.00

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.94	2.73	.00	.00	.00	.00	8.64	30.30
5 TO 9	31.06	4.70	.00	.00	.00	.00	2.42	38.18
10- UP	9.24	3.48	.15	.15	.00	.00	.45	13.48
TOTAL	59.24	10.91	.15	.15	.00	.00	11.52	81.97

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF SEPT.

HOUR 23 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.94	1.21	.30	.15	.00	.00	.76	6.36
5 TO 9	.76	.00	.00	.00	.00	.00	.15	.91
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	4.70	1.21	.30	.15	.00	.00	.91	7.27

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.00	10.45	2.42	.15	.00	.00	8.33	41.36
5 TO 9	25.45	5.61	3.79	.61	.00	.00	.61	36.06
10- UP	1.21	2.27	.15	.45	.00	.00	.00	4.09
TOTAL	46.67	18.33	6.36	1.21	.00	.00	8.94	81.52

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	1.97	.45	.00	.00	.00	.00	.61	3.03
5 TO 9	.45	.15	.00	.15	.00	.00	.15	.91
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	2.42	.61	.00	.15	.00	.00	.76	3.94

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	23.64	2.42	.00	.00	.00	.00	8.79	34.85
5 TO 9	30.30	5.76	.00	.00	.00	.00	2.12	38.18
10- UP	8.48	2.27	.30	.00	.00	.00	.76	11.02
TOTAL	62.42	10.45	.30	.00	.00	.00	11.67	84.85

TABLE 9.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF SEPT.

*** RUNWAY 17 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	7.74	4.25	3.49	4.56	50.74
03-05	11.23	6.58	4.65	7.29	47.92
06-08	11.84	5.21	6.63	5.93	54.36
09-11	16.84	11.94	4.91	14.59	27.79
12-14	19.47	8.95	10.52	12.72	35.56
15-17	15.53	6.89	8.65	9.15	34.83
18-20	14.31	5.41	8.90	6.65	47.70
21-23	7.94	3.24	4.70	3.54	54.39
00-23	13.11	6.56	6.56	7.81	40.92

*** RUNWAY 35 ***

PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
17.00	5.82	11.18	25.33	14.51
19.42	6.37	13.05	15.77	21.90
14.87	8.04	6.83	15.11	14.59
16.89	8.75	8.14	16.17	17.75
20.28	12.44	7.84	27.67	14.25
16.44	9.16	7.28	26.93	11.03
15.17	9.36	5.82	36.71	7.81
14.77	7.49	7.28	38.34	9.05
16.96	8.43	8.43	22.88	13.34

9.4A

*** RUNWAY 22 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	5.01	2.73	2.28	2.85	54.22
03-05	6.17	3.54	2.63	3.75	46.43
06-08	8.35	4.81	3.54	5.26	41.18
09-11	14.62	10.62	4.00	12.95	22.19
12-14	15.02	6.02	9.00	8.54	30.53
15-17	7.59	1.97	5.61	2.43	29.92
18-20	5.16	1.77	3.39	1.95	36.61
21-23	3.54	1.26	2.28	1.34	42.86
00-23	8.18	4.09	4.09	4.67	32.96

*** RUNWAY 4 ***

PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
16.79	5.92	10.88	29.03	13.66
20.44	7.38	13.05	20.31	20.51
16.29	7.38	8.90	14.87	17.69
12.54	6.68	5.87	12.20	12.96
14.31	10.17	4.15	22.43	7.59
7.89	5.82	2.07	20.43	2.90
7.84	4.86	2.98	29.36	3.58
13.35	6.53	6.83	40.19	8.15
13.68	6.84	6.84	20.44	10.28

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 9.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF SEPT.

*** RUNWAY 17 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	4.02	.54	.00	4.56
03-05	6.61	.67	.00	7.28
06-08	5.24	.63	.06	5.93
09-11	11.79	2.52	.18	14.50
12-14	8.91	3.36	.43	12.72
15-17	7.40	1.48	.27	9.15
18-20	6.03	.56	.06	6.65
21-23	3.16	.39	.00	3.54
00-23	6.50	1.20	.11	7.81

*** RUNWAY 35 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	18.94	5.73	.66	25.33
03-05	12.64	3.13	.00	15.77
06-08	11.69	3.33	.10	15.11
09-11	12.90	2.80	.47	16.17
12-14	18.79	7.76	1.12	27.67
15-17	18.01	7.59	1.34	26.93
18-20	25.99	10.32	.40	36.71
21-23	25.13	12.69	.52	38.34
00-23	16.55	5.78	.55	22.88

9.4B

****

*** RUNWAY 22 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	2.64	.21	.00	2.95
03-05	3.43	.32	.00	3.75
06-08	4.59	.61	.06	5.26
09-11	10.06	2.65	.25	12.95
12-14	6.46	1.79	.29	8.54
15-17	1.93	.44	.06	2.43
18-20	1.51	.39	.06	1.95
21-23	1.23	.11	.00	1.34
00-23	3.83	.76	.08	4.67

*** RUNWAY 4 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	20.60	8.19	.25	29.03
03-05	16.27	4.03	.00	20.31
06-08	12.02	2.44	.41	14.87
09-11	8.50	2.59	1.11	12.20
12-14	12.39	7.59	2.46	22.43
15-17	9.06	7.46	3.91	20.43
18-20	15.60	12.23	1.53	29.36
21-23	29.28	10.59	.31	40.19
00-23	13.55	5.63	1.27	20.44

TABLE 9.5. EDWARDS AFB HEADWIND COMPONENT CUMULATIVE PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF SEPT.

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 17 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 35 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	49.71	48.13	28.24	17.61	36.87	*	81.14	71.67	40.70	32.59	59.76
1- 2	55.06	54.02	37.13	24.33	43.47	*	87.30	78.94	53.59	46.96	69.36
2- 3	62.54	59.60	45.38	31.32	50.51	*	92.23	84.81	66.82	63.85	78.76
3- 4	70.25	66.58	52.19	37.37	57.44	*	96.21	90.77	75.45	73.04	85.39
4- 5	75.14	71.86	56.67	42.00	62.27	*	97.35	92.73	81.05	78.22	86.58
5- 6	81.76	77.31	62.94	48.05	68.38	*	98.29	94.97	87.11	85.48	92.29
6- 7	86.54	82.96	71.04	56.32	74.95	*	99.24	96.92	91.14	89.04	94.75
7- 8	91.08	87.61	76.42	64.45	80.57	*	99.72	98.14	94.06	92.44	96.56
8- 9	94.07	90.56	80.14	72.04	84.80	*	99.72	98.37	95.85	93.78	97.29
9-10	96.55	93.13	84.16	77.82	88.44	*	99.72	98.79	97.09	95.11	97.97
10-11	98.10	95.46	87.31	81.99	91.17	*	99.91	99.07	97.98	96.15	98.51
11-12	98.73	96.26	89.39	84.27	92.67	*	99.91	99.16	98.43	97.19	98.84
12-13	99.48	97.92	92.33	88.84	94.95	*	99.91	99.53	99.10	98.52	99.35
13-14	99.77	98.22	94.27	90.86	96.02	*	99.91	99.63	99.44	99.26	99.59
14-15	99.83	98.65	95.91	93.21	97.07	*	99.91	99.91	99.78	99.56	99.81
15-16	99.88	99.20	97.71	95.77	98.24	*	100.00	99.91	99.78	99.85	99.89
16-17	99.94	99.51	98.21	96.64	98.66	*	******	99.91	99.89	99.85	99.92
17-18	100.00	99.69	99.07	98.45	99.34	*	******	99.91	100.00	99.85	99.95
18-19	******	99.69	99.28	98.79	99.47	*	******	99.91	******	99.85	99.95
19-20	******	99.82	99.50	99.53	99.73	*	******	99.91	******	100.00	99.97
20-21	******	100.00	99.64	99.73	99.86	*	******	99.91	******	******	99.97
21-22	******	******	99.78	99.93	99.94	*	******	99.91	******	******	99.97
22-23	******	******	99.93	100.00	99.98	*	******	100.00	******	******	100.00
23-24	******	******	99.93	******	99.98	*	******	******	******	******	******
24-25	******	******	100.00	******	100.00	*	******	******	******	******	******
NOBS	1738	1631	1395	1488	6252	*	1055	1073	892	675	3695

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 9.5. (Concluded)

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF SEPT.

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 22 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 4 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	48.26	47.29	25.63	14.29	34.62	*	84.77	69.86	39.38	37.70	61.12
1- 2	52.90	51.23	29.13	17.09	36.38	*	90.25	76.96	48.83	49.20	69.07
2- 3	60.81	55.60	33.64	20.32	43.49	*	93.10	83.59	58.84	55.40	75.44
3- 4	67.11	59.54	38.15	23.93	46.13	*	96.24	88.57	69.41	63.54	81.83
4- 5	72.97	63.49	41.23	26.72	52.14	*	97.26	90.97	74.86	68.67	85.06
5- 6	77.50	67.24	45.53	29.77	55.05	*	98.49	93.36	80.09	74.51	88.40
6- 7	81.43	70.01	50.39	32.88	59.68	*	98.88	94.56	82.65	78.23	90.12
7- 8	84.96	74.82	55.62	36.67	63.97	*	99.29	95.21	86.48	83.19	92.19
8- 9	87.34	78.26	59.99	41.64	67.70	*	99.59	96.59	88.32	86.19	93.66
9-10	90.99	82.14	65.71	47.05	72.29	*	99.70	97.33	90.66	87.96	94.79
10-11	92.59	84.73	69.43	51.15	75.23	*	99.70	97.51	91.99	90.62	95.61
11-12	95.08	87.99	75.02	58.36	79.75	*	99.80	98.25	96.00	92.21	97.14
12-13	96.02	90.21	78.24	61.84	82.16	*	99.80	98.67	97.00	93.81	97.76
13-14	97.57	92.92	82.96	69.42	86.19	*	100.00	98.87	98.00	95.22	98.36
14-15	98.01	94.58	86.40	75.70	89.05	*	******	98.99	98.67	97.35	98.92
15-16	98.84	96.31	89.48	82.16	92.00	*	******	99.54	99.00	98.23	99.32
16-17	99.12	96.98	91.48	86.26	93.71	*	******	99.77	99.11	98.76	99.49
17-18	99.61	98.15	94.35	92.11	96.23	*	******	99.72	99.33	99.65	99.69
18-19	99.78	98.65	95.85	94.97	97.44	*	******	99.82	99.78	99.65	99.83
19-20	99.89	99.26	97.21	96.83	98.38	*	******	99.91	100.00	99.65	99.92
20-21	99.89	99.51	98.07	97.95	98.91	*	******	100.00	******	100.00	100.00
21-22	99.89	99.69	98.57	98.63	99.24	*	******	******	******	******	******
22-23	99.94	99.88	99.14	99.07	99.53	*	******	******	******	******	******
23-24	99.94	99.94	99.57	99.63	99.78	*	******	******	******	******	******
24-25	99.94	100.00	99.71	99.94	99.91	*	******	******	******	******	******
25-26	100.00	******	99.79	100.00	99.95	*	******	******	******	******	******
26-27	******	******	99.93	******	99.98	*	******	******	******	******	******
27-28	******	******	100.00	******	100.00	*	******	******	******	******	******
NOBS	1809	1624	1397	1609	6439	*	985	1085	899	565	3534

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 9.6. EDWARDS AFB BIVARIATE NORMAL STATISTICS (SEPTEMBER, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 9/42 - 9/67
MONTH OF RECORD - 9,
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	1.80	1.16	2.86	2.02	3.38	.5636	663
1	3.45	1.09	4.51	2.82	7.44	.5857	681
2	2.03	1.40	5.54	4.10	8.42	.3703	677
3	1.52	2.81	6.01	5.19	7.53	.2415	646
4	2.08	2.74	6.39	6.20	4.86	.1226	627
5	3.46	2.49	7.06	7.07	4.84	.0969	607
6	5.22	2.45	8.05	8.42	10.09	.1489	599
7	7.51	3.11	9.43	9.75	10.28	.1118	510
8	9.47	3.70	10.85	10.73	18.74	.1610	504
9	11.56	4.46	12.25	11.88	30.57	.2101	502
10	13.74	5.29	13.80	12.53	42.12	.2436	499
11	16.11	5.77	14.79	13.07	51.79	.2678	499
12	17.84	6.52	14.53	13.04	46.44	.2451	498
13	18.06	6.32	13.31	12.09	35.23	.2189	494
14	16.65	5.[illegible]	11.31	10.02	19.56	.1726	492
15	13.13	4.31	9.03	7.98	12.74	.1770	488
16	8.94	2.50	6.99	6.05	3.69	.0873	477
17	4.91	.98	5.67	4.66	2.45	.0929	473
18	1.42	-.03	5.06	4.07	4.95	.2352	466
19	-1.08	-.25	4.16	3.27	2.91	.2138	464
20	-2.76	-.45	3.88	2.96	2.58	.2245	462
21	-3.70	-.30	3.74	2.75	2.87	.2786	437
22	-4.45	-.33	3.85	2.83	1.53	.1402	434
23	-5.00	-.30	3.88	2.49	1.11	.1147	428
24	-5.65	-.26	4.24	2.49	2.09	.1978	418
25	-5.75	-.02	4.34	2.69	2.73	.2339	400
26	-5.71	-.17	4.47	2.39	1.77	.1656	392
27	-5.59	-.23	4.85	2.09	1.63	.1609	357

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

OCTOBER

PRECEDING PAGE BLANK-NOT FILMED

TABLE 10.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF OCT.

RUNWAY 17 - 35

HRS	1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** PERCENTAGES							
00-02	49.98	13.89	4.60	1.52	.29	.05	29.68	2045
03-05	44.87	9.78	4.06	1.12	.24	.10	39.83	2046
06-08	34.80	7.62	4.40	1.66	.24	.05	51.22	2046
09-11	27.71	9.97	7.67	3.03	.83	.05	50.73	2046
12-14	30.21	20.53	11.97	5.28	1.08	.05	30.89	2046
15-17	24.68	25.27	19.21	7.33	1.12	.15	22.24	2046
18-20	35.19	32.26	11.58	3.08	.44	.05	17.40	2046
21-23	49.85	17.64	6.99	1.32	.34	.10	23.75	2046
00-23	37.16	17.12	6.81	3.04	.57	.07	33.22	16367

10.1A

RUNWAY 22 - 4

HRS	1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** PERCENTAGES							
00-02	55.11	8.12	1.32	.34	.05	.00	35.06	2045
03-05	48.68	6.45	.78	.29	.15	.00	43.65	2046
06-08	41.50	5.07	1.27	.44	.00	.00	51.12	2046
09-11	37.93	7.09	2.00	.93	.15	.05	51.86	2046
12-14	44.38	12.90	4.15	1.81	.39	.05	36.31	2046
15-17	41.30	19.45	7.18	2.05	.39	.10	29.52	2046
18-20	57.23	16.67	3.03	.64	.10	.00	22.34	2046
21-23	61.14	11.93	1.52	.24	.10	.05	25.07	2046
00-23	48.41	11.03	2.66	.84	.16	.05	36.86	16367

10.1B

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	CROSSWIND ***** CRITICAL LIMITS IN KNOTS ***** PERCENTAGES							
00-02	51.88	3.86	.98	.15	.05	.00	43.08	2045
03-05	45.65	3.03	.64	.29	.05	.00	50.34	2046
06-08	34.56	3.13	1.12	.34	.00	.00	60.85	2046
09-11	32.11	4.59	1.71	.78	.10	.05	40.65	2046
12-14	39.98	10.56	3.86	1.42	.20	.05	43.94	2046
15-17	40.22	17.45	6.26	1.66	.24	.05	34.12	2046
18-20	56.26	13.98	2.39	.49	.10	.00	26.78	2046
21-23	57.43	6.16	1.12	.10	.05	.05	35.09	2046
00-23	44.76	7.85	2.26	.65	.10	.02	44.36	16367

10.1C

PRECEDING PAGE BLANK NOT FILMED

TABLE 10.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF OCT.

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OPS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	14.47	1.52	.64	2045	40.39	20.93	2.10
03-05	18.72	1.52	.29	2046	31.57	15.44	1.71
06-08	16.96	1.56	.29	2046	26.25	13.64	2.00
09-11	18.96	4.69	1.56	2046	19.70	12.56	3.47
12-14	29.57	9.82	3.23	2046	18.57	11.49	6.35
15-17	28.30	9.63	2.64	2046	21.90	13.69	8.41
18-20	24.63	3.67	.93	2046	35.63	19.55	7.81
21-23	15.20	2.64	.78	2046	38.42	26.93	3.08
00-23	20.85	4.38	1.30	16367	29.05	14.79	7.87

10.2A

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OPS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	6.11	1.12	.54	2045	41.37	22.00	8.75
03-05	7.97	1.08	.29	2046	36.51	16.23	7.14
06-08	10.65	.93	.24	2046	27.81	13.20	7.97
09-11	18.28	3.18	2.54	2046	14.66	10.31	11.93
12-14	23.31	10.22	5.91	2046	11.63	10.26	17.25
15-17	16.03	10.22	4.50	2046	12.37	15.05	25.32
18-20	12.76	4.25	.68	2046	23.46	28.89	17.55
21-23	7.33	1.76	.39	2046	38.37	27.86	11.24
00-23	12.81	4.09	1.89	16367	25.77	17.98	13.38

10.2B

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 10.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 0 NUMBER OBS. 6P2

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	10.41	1.17	.29	.15	.00	.00	1.91	13.93	*	24.93	6.74	3.08	1.17	.15	.00	7.04	43.11
5 TO 9	1.32	.15	.00	.00	.00	.00	.15	1.61	*	15.40	3.23	2.20	.15	.00	.00	.73	21.70
10- UP	.44	.15	.00	.00	.00	.00	.00	.59	*	.44	1.76	.00	.29	.00	.00	.00	2.49
TOTAL	12.17	1.47	.29	.15	.00	.00	2.05	16.13	*	40.76	11.73	5.28	1.61	.15	.00	7.77	67.30

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	4.25	.88	.00	.00	.00	.00	1.17	6.30	*	30.35	2.05	.00	.00	.00	.00	10.26	42.67
5 TO 9	.44	.15	.00	.15	.00	.00	.29	1.03	*	17.45	2.64	.15	.00	.00	.00	2.20	22.43
10- UP	.00	.15	.15	.15	.00	.00	.00	.44	*	6.01	3.77	.59	.00	.00	.00	.29	10.26
TOTAL	4.69	1.17	.15	.29	.00	.00	1.47	7.77	*	53.81	8.06	.73	.00	.00	.00	12.76	75.37

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 1 NUMBER OBS. 6P2

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	10.41	.88	1.03	.00	.00	.00	2.20	14.52	*	24.49	6.45	1.47	.59	.29	.00	6.45	39.74
5 TO 9	1.03	.29	.00	.00	.15	.00	.00	1.47	*	14.08	4.84	1.91	.59	.00	.00	.59	21.94
10- UP	.44	.15	.00	.00	.00	.00	.00	.59	*	.44	1.32	.15	.00	.00	.00	.00	1.91
TOTAL	11.88	1.32	1.03	.00	.15	.00	2.20	16.57	*	39.00	12.61	3.52	1.17	.29	.00	7.04	63.6[illegible]

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	4.25	.29	.00	.00	.00	.00	.73	5.28	*	29.18	3.08	.00	.00	.00	.00	11.44	43.70
5 TO 9	.29	.44	.15	.00	.00	.00	.29	1.17	*	17.16	2.20	.88	.00	.00	.00	1.61	21.85
10- UP	.00	.15	.15	.15	.00	.00	.00	.44	*	4.69	1.76	.59	.15	.00	.00	.59	7.77
TOTAL	4.55	.88	.29	.15	.00	.00	1.03	6.89	*	51.03	7.04	1.47	.15	.00	.00	13.64	73.31

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 10.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 2 NUMBER OBS. 6P1

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.69	1.47	.44	.15	.15	.15	2.94	14.98
5 TO 9	1.03	.15	.15	.15	.00	.00	.00	1.47
10- UP	.44	.29	.00	.00	.00	.00	.00	.73
TOTAL	11.16	1.91	.59	.29	.15	.15	2.94	17.18

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	22.32	7.49	.88	.88	.15	.00	6.61	38.33
5 TO 9	12.49	3.96	2.20	.29	.00	.00	.15	19.09
10- UP	.29	1.32	.15	.15	.00	.00	.00	1.91
TOTAL	35.10	12.78	3.23	1.32	.15	.00	6.75	59.32

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.99	.44	.00	.00	.00	.00	1.32	6.75
5 TO 9	.59	.29	.15	.00	.00	.00	.15	1.17
10- UP	.29	.15	.15	.15	.00	.00	.00	.73
TOTAL	5.87	.88	.29	.15	.00	.00	1.47	8.66

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	23.35	1.62	.29	.00	.00	.00	12.48	37.74
5 TO 9	16.45	3.08	.29	.15	.00	.00	1.76	21.73
10- UP	5.58	1.62	.44	.15	.15	.00	.29	8.22
TOTAL	45.37	6.31	1.03	.29	.15	.00	14.54	67.69

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 3 NUMBER OBS. 6P2

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.44	1.03	.29	.15	.00	.00	3.52	16.42
5 TO 9	1.03	.29	.29	.00	.00	.00	.15	1.76
10- UP	.29	.15	.00	.00	.00	.00	.00	.44
TOTAL	12.76	1.47	.59	.15	.00	.00	3.67	18.62

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.82	5.13	1.17	.73	.15	.15	4.99	33.14
5 TO 9	10.12	3.08	2.79	.15	.00	.00	.15	16.28
10- UP	.73	.59	.29	.15	.00	.00	.00	1.76
TOTAL	31.67	8.80	4.25	1.03	.15	.15	5.13	51.17

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.45	.29	.00	.00	.00	.00	.88	7.62
5 TO 9	.44	.44	.15	.00	.00	.00	1.03	1.03
10- UP	.29	.00	.00	.00	.15	.00	.00	.44
TOTAL	7.18	.73	.15	.00	.15	.00	.88	9.09

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	23.75	1.47	.15	.00	.00	.00	10.41	35.78
5 TO 9	12.46	2.64	.15	.00	.00	.00	1.76	17.01
10- UP	4.99	2.20	.29	.15	.00	.00	.29	7.92
TOTAL	41.20	6.30	.59	.15	.00	.00	12.46	60.70

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 10.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 4 NUMBER OBS. 6*2

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.79	1.47	.44	.00	.29	.00	3.52	19.50
5 TO 9	1.47	.15	.15	.00	.00	.00	.00	1.76
10- UP	.15	.15	.00	.00	.00	.00	.29	.29
TOTAL	15.40	1.76	.59	.00	.29	.00	3.52	21.55

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.94	5.72	.77	.59	.15	.00	4.55	31.67
5 TO 9	11.14	2.05	2.49	.15	.00	.00	.29	16.13
10- UP	.29	1.47	.00	.00	.00	.00	.00	1.76
TOTAL	31.39	9.24	3.23	.73	.15	.00	4.84	49.56

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.43	.73	.00	.00	.00	.00	1.91	8.06
5 TO 9	1.03	.29	.00	.00	.00	.00	.00	1.32
10- UP	.15	.00	.00	.00	.15	.00	.00	.29
TOTAL	6.60	1.03	.00	.00	.15	.00	1.91	9.68

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	25.51	2.05	.29	.00	.00	.00	9.39	37.26
5 TO 9	12.02	2.79	.29	.00	.00	.00	2.35	17.45
10- UP	5.13	1.17	.00	.44	.00	.00	.00	6.74
TOTAL	42.67	6.01	.59	.44	.00	.00	11.73	61.44

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 5 NUMBER OBS. 6*2

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.98	.59	.00	.15	.00	.00	3.52	20.23
5 TO 9	.44	.00	.00	.29	.00	.15	.15	1.03
10- UP	.15	.00	.00	.00	.00	.00	.15	.15
TOTAL	16.57	.59	.00	.44	.00	.15	3.67	21.41

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.01	4.11	1.61	1.03	.15	.00	6.01	29.91
5 TO 9	9.53	2.20	1.91	.00	.00	.00	.29	13.93
10- UP	.44	1.17	.00	.00	.00	.00	.00	1.61
TOTAL	26.98	7.48	3.52	1.03	.15	.00	6.30	45.45

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.36	.15	.00	.00	.00	.00	1.91	8.21
5 TO 9	.29	.29	.00	.00	.00	.00	.29	.88
10- UP	.00	.00	.15	.00	.00	.00	.00	.15
TOTAL	6.45	.44	.15	.00	.00	.00	2.20	9.24

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	26.98	1.17	.00	.00	.00	.00	8.36	36.51
5 TO 9	11.29	1.76	.00	.15	.00	.00	1.03	14.22
10- UP	3.67	1.91	.88	.15	.15	.00	.00	6.74
TOTAL	41.94	4.94	.88	.29	.15	.00	9.38	57.48

TABLE 10.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 6 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.52	.88	.44	.44	.00	.00	4.99	21.26
5 TO 9	.73	.15	.15	.15	.00	.00	.15	1.32
10- UP	.15	.00	.00	.00	.00	.00	.00	.15
TOTAL	15.40	1.03	.59	.59	.00	.00	5.13	22.73

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.16	4.40	1.32	.59	.15	.15	4.25	28.01
5 TO 9	7.92	2.64	1.76	.29	.00	.00	.44	13.05
10- UP	.15	.88	.00	.15	.00	.00	.00	1.17
TOTAL	25.22	7.92	3.08	1.03	.15	.15	4.69	42.23

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.92	.29	.00	.00	.00	.00	.73	8.94
5 TO 9	.44	.44	.15	.00	.00	.00	.15	1.17
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	8.36	.73	.15	.00	.00	.00	.88	10.12

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	24.34	.73	.29	.00	.00	.00	5.94	34.31
5 TO 9	9.82	2.64	.44	.15	.00	.00	.88	13.93
10- UP	3.67	1.91	.73	.15	.00	.00	.15	6.60
TOTAL	37.83	5.28	1.47	.29	.00	.00	9.97	54.84

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 7 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.24	.73	.59	.00	.00	.00	5.28	15.84
5 TO 9	.29	.29	.00	.29	.00	.00	.00	.88
10- UP	.15	.00	.15	.00	.00	.00	.00	.29
TOTAL	9.68	1.03	.73	.29	.00	.00	5.29	17.01

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.13	2.20	1.32	.73	.15	.00	6.45	26.98
5 TO 9	7.62	2.49	1.91	.44	.00	.00	.00	12.46
10- UP	.59	1.32	.00	.00	.00	.00	.00	1.91
TOTAL	24.34	6.01	3.23	1.17	.15	.00	6.45	41.35

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.92	.29	.00	.00	.00	.00	2.79	11.00
5 TO 9	.15	.00	.00	.00	.00	.00	.29	.44
10- UP	.00	.15	.00	.00	.00	.00	.00	.15
TOTAL	8.06	.44	.00	.00	.00	.00	3.08	11.58

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.38	.15	.15	.00	.00	.00	6.30	27.13
5 TO 9	8.06	1.76	.88	.15	.00	.00	1.61	12.46
10- UP	4.55	1.91	.29	.00	.00	.00	.44	7.18
TOTAL	32.99	3.81	1.32	.29	.00	.00	8.36	46.77

TABLE 10.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 8 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	5.72	.88	.15	.59	.44	.00	6.01	13.78	12.17	2.05	1.47	.44	.00	.00	7.62	23.75
5 TO 9	1.61	.00	.44	.15	.00	.00	.29	2.49	9.68	1.91	3.23	.44	.00	.00	.15	15.40
10- UP	.15	.15	.00	.15	.00	.00	.00	.44	.44	1.91	.29	.15	.00	.00	.15	2.93
TOTAL	7.48	1.03	.59	.88	.44	.00	6.30	16.72	22.29	5.87	4.99	1.03	.00	.00	7.92	42.08

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	8.80	.44	.00	.00	.00	.00	2.79	12.02	12.90	.88	.15	.00	.00	.00	8.06	21.99
5 TO 9	.73	.44	.00	.00	.00	.00	.00	1.17	8.50	2.93	.00	.29	.00	.00	1.47	13.20
10- UP	.15	.00	.15	.00	.00	.00	.29	.59	6.16	2.05	.59	.44	.00	.00	.59	9.82
TOTAL	9.68	.88	.15	.00	.00	.00	3.08	13.78	27.57	5.87	.73	.73	.00	.00	10.12	45.01

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 9 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	7.92	.15	.73	.44	.29	.00	4.99	14.52	10.12	2.05	1.17	.59	.15	.00	9.24	23.31
5 TO 9	1.91	.73	.15	.29	.15	.00	.00	3.23	8.06	2.79	2.35	.88	.00	.00	.29	14.37
10- UP	.29	.29	.15	.15	.00	.15	.00	1.03	.44	1.76	.29	.59	.00	.00	.00	3.08
TOTAL	10.12	1.17	1.03	.88	.44	.15	4.99	18.77	18.62	6.60	3.81	2.05	.15	.00	9.53	40.76

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	8.80	.88	.00	.00	.00	.00	3.96	13.64	14.37	.88	.29	.00	.00	.00	5.43	20.97
5 TO 9	1.03	.29	.00	.15	.00	.00	.15	1.61	7.92	2.35	.29	.29	.00	.00	1.03	11.88
10- UP	.29	.00	.15	.00	.00	.00	.59	1.03	6.30	2.05	.73	.44	.00	.15	.59	10.26
TOTAL	10.12	1.17	.15	.15	.00	.00	4.69	16.28	28.59	5.28	1.32	.73	.00	.15	7.04	43.11

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 10.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 10 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.94	.88	1.76	.88	.29	.00	5.28	18.04
5 TO 9	1.61	1.17	1.03	.15	.00	.00	.00	3.96
10- UP	.44	.73	.00	.29	.00	.00	.00	1.47
TOTAL	11.00	2.79	2.79	1.32	.29	.00	5.28	23.46

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.94	2.05	1.47	.73	.59	.00	4.84	18.62
5 TO 9	5.28	2.35	4.40	.44	.00	.00	.00	12.46
10- UP	.15	1.61	.73	.15	.29	.00	.00	2.93
TOTAL	14.37	6.01	6.60	1.32	.88	.00	4.84	34.02

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.58	.59	.15	.00	.00	.00	5.67	18.18
5 TO 9	.73	.88	.00	.00	.00	.00	.29	1.91
10- UP	1.03	.73	.29	.00	.00	.00	1.03	3.08
TOTAL	13.34	2.20	.44	.00	.00	.00	7.18	23.17

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.94	1.17	.00	.15	.15	.00	2.35	12.76
5 TO 9	6.60	1.17	.88	.15	.00	.00	.15	8.94
10- UP	6.89	2.20	1.76	.29	.00	.00	1.32	12.46
TOTAL	22.43	4.55	2.64	.59	.15	.00	3.81	34.16

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 11 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.05	2.20	1.47	.59	.29	.00	6.74	24.34
5 TO 9	3.08	2.35	1.03	.29	.15	.00	.00	6.89
10- UP	.73	.44	.59	.29	.15	.00	.00	2.20
TOTAL	16.86	4.99	3.08	1.17	.59	.00	6.74	33.43

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.62	3.77	1.47	1.03	.15	.00	3.52	17.16
5 TO 9	4.55	2.64	3.37	.59	.00	.00	.00	11.14
10- UP	.29	2.49	.88	.73	.00	.00	.00	4.40
TOTAL	12.46	8.50	5.72	2.35	.15	.00	3.52	32.70

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.66	.29	.00	.00	.00	.00	8.06	23.02
5 TO 9	3.52	.44	.15	.00	.00	.00	1.91	6.01
10- UP	.73	.88	.15	.15	.00	.00	1.61	3.52
TOTAL	18.91	1.61	.29	.15	.00	.00	11.58	32.55

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.16	1.32	.15	.29	.00	.00	2.35	10.26
5 TO 9	6.45	2.05	.88	.29	.15	.00	.29	10.12
10- UP	7.77	3.08	.15	.59	.15	.00	1.32	13.05
TOTAL	20.38	6.45	1.17	1.17	.29	.00	3.96	33.43

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 10.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 12 NUMBER OBS. 692

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.37	3.23	2.64	1.03	.15	.00	6.89	28.30
5 TO 9	3.96	3.37	1.32	.59	.29	.00	.15	9.68
10- UP	.59	1.17	.88	.00	.15	.15	.00	2.93
TOTAL	18.91	7.77	4.84	1.61	.59	.15	7.04	40.91

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.04	3.52	2.49	1.03	.00	.00	2.64	16.72
5 TO 9	4.55	2.75	2.49	.88	.00	.00	.15	10.41
10- UP	.73	3.81	.29	.44	.29	.00	.00	5.57
TOTAL	12.32	9.68	5.28	2.35	.29	.00	2.79	32.70

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.10	.59	.44	.00	.15	.00	6.74	23.02
5 TO 9	5.72	1.32	.00	.00	.00	.00	1.91	8.94
10- UP	1.32	1.32	.44	.00	.00	.00	1.91	4.99
TOTAL	22.14	3.23	.88	.00	.15	.00	10.56	36.95

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.77	1.03	.15	.29	.00	.00	1.61	10.85
5 TO 9	6.60	1.76	1.17	.29	.15	.00	.29	10.26
10- UP	7.19	4.40	1.32	.88	.00	.15	1.17	15.10
TOTAL	21.55	7.18	2.64	1.47	.15	.15	3.08	36.22

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 13 NUMBER OBS. 692

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.66	5.13	2.93	.88	.59	.00	6.60	30.79
5 TO 9	4.11	3.52	1.47	.44	.44	.00	.00	9.97
10- UP	.15	1.61	1.03	.59	.00	.00	.00	3.37
TOTAL	18.91	10.26	5.43	1.91	1.03	.00	6.60	44.13

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.74	4.25	1.76	1.17	.00	.00	3.37	17.30
5 TO 9	4.11	2.20	4.25	1.61	.00	.00	.00	12.17
10- UP	.29	4.84	1.07	.29	.15	.00	.00	6.60
TOTAL	11.14	11.29	7.04	3.08	.15	.00	3.37	36.07

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.25	1.32	.00	.00	.00	.00	7.92	24.49
5 TO 9	5.72	1.76	.00	.00	.00	.00	3.52	11.00
10- UP	2.35	2.05	.00	.15	.00	.00	1.47	6.01
TOTAL	23.31	5.13	.00	.15	.00	.00	12.90	41.50

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.89	1.47	.29	.44	.15	.00	1.47	10.70
5 TO 9	6.01	2.20	1.17	.29	.15	.00	.44	10.26
10- UP	8.65	4.69	1.32	1.03	.29	.00	1.32	17.30
TOTAL	21.55	8.36	2.79	1.76	.59	.00	3.23	38.27

TABLE 10.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 14 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.46	5.72	3.23	1.91	.59	.00	5.72	29.62
5 TO 9	2.93	4.55	1.76	.44	.15	.00	.00	9.82
10- UP	.88	1.32	.59	.59	.00	.00	.00	3.37
TOTAL	16.29	11.58	5.57	2.93	.73	.00	5.72	42.82

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.24	5.57	2.49	1.32	.15	.00	2.93	21.70
5 TO 9	3.81	2.05	4.11	1.91	.00	.00	.00	11.88
10- UP	.73	3.67	1.47	.73	.29	.00	.00	6.89
TOTAL	13.78	11.29	8.06	3.96	.44	.00	2.93	40.47

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.52	1.76	.29	.15	.00	.00	5.72	22.43
5 TO 9	5.43	1.61	.29	.00	.00	.00	3.37	10.70
10- UP	1.61	2.79	.44	.00	.00	.00	1.91	6.74
TOTAL	21.55	6.16	1.03	.15	.00	.00	11.00	39.88

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.92	1.32	1.17	.73	.15	.00	2.05	13.34
5 TO 9	6.89	1.17	1.61	.29	.00	.00	.29	10.26
10- UP	8.21	6.16	2.35	.88	.15	.00	1.61	19.35
TOTAL	23.02	8.65	5.13	1.91	.29	.00	3.96	42.96

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 15 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.44	5.87	5.87	2.20	.59	.15	3.23	29.33
5 TO 9	4.11	4.11	1.91	.73	.00	.00	.44	11.29
10- UP	.73	.59	.73	.73	.00	.15	.00	2.93
TOTAL	16.28	10.56	8.50	3.67	.59	.29	3.67	43.55

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.33	5.87	2.35	1.47	.29	.00	1.61	18.62
5 TO 9	4.40	2.20	4.84	1.76	.00	.00	.15	13.34
10- UP	.73	4.84	1.32	1.03	.29	.00	.00	8.21
TOTAL	12.46	12.61	8.50	4.25	.59	.00	1.76	40.18

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.44	2.05	.29	.00	.00	.00	4.84	18.62
5 TO 9	4.99	2.79	.15	.00	.00	.00	3.23	11.14
10- UP	1.17	2.05	.29	.00	.00	.00	1.91	5.43
TOTAL	17.60	6.89	.73	.00	.00	.00	9.97	35.19

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.01	1.17	1.17	.44	.29	.00	1.91	11.00
5 TO 9	7.33	3.08	3.23	.29	.15	.15	.00	14.66
10- UP	10.41	6.60	1.76	1.76	.15	.00	1.32	21.99
TOTAL	24.19	10.85	6.16	2.49	.59	.15	3.23	47.65

TABLE 10.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 16 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	10.12	6.45	6.30	2.35	.59	.15	3.37	29.33	6.30	5.43	3.96	2.20	.29	.00	2.79	20.97
5 TO 9	3.52	3.96	1.47	.59	.00	.00	.00	9.53	2.79	3.52	5.13	1.61	.00	.00	.00	13.05
10- UP	.59	.59	1.17	.44	.15	.00	.00	2.93	1.03	5.57	1.61	1.03	.29	.00	.00	9.53
TOTAL	14.22	11.00	8.94	3.37	.73	.15	3.37	41.79	10.12	14.52	10.70	4.84	.59	.00	2.79	43.55

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	10.26	1.47	.00	.00	.00	.00	4.40	16.13	6.89	1.61	1.32	.73	.00	.00	1.61	12.17
5 TO 9	4.69	2.64	.29	.00	.00	.00	2.64	10.26	4.40	5.57	2.64	.59	.00	.15	.73	14.08
10- UP	.88	1.47	.44	.00	.00	.00	2.64	5.43	12.02	8.06	2.79	1.32	.15	.00	1.91	26.25
TOTAL	15.84	5.57	.73	.00	.00	.00	9.68	31.82	23.31	15.25	6.74	2.64	.15	.15	4.25	52.49

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 17 NUMBER OBS. 682

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	9.97	7.62	4.11	1.91	.00	.00	2.64	26.25	5.87	7.[illegible]	7.18	1.61	.59	.00	2.93	26.10
5 TO 9	2.05	3.81	1.47	.44	.29	.00	.00	8.06	3.23	2.[illegible]5	8.21	.88	.00	.00	.00	14.66
10- UP	.29	.88	.44	.44	.00	.00	.00	2.05	.59	5.43	.73	.73	.00	.00	.00	7.48
TOTAL	12.32	12.32	6.01	2.79	.29	.00	2.64	36.36	9.68	15.69	16.13	3.23	.59	.00	2.93	48.24

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	8.65	1.03	.15	.00	.00	.00	3.52	13.34	6.60	2.20	1.9[illegible]	.29	.15	.00	2.79	13.93
5 TO 9	4.84	2.35	.15	.00	.00	.00	1.91	9.24	7.48	5.87	2.49	.15	.00	.00	.44	16.42
10- UP	.73	.29	.15	.15	.00	.00	1.32	2.64	14.66	8.06	2.35	.44	.29	.00	1.91	27.71
TOTAL	14.22	3.67	.44	.15	.00	.00	6.74	25.22	28.74	16.13	6.74	.88	.44	.00	5.13	58.06

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 10.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 18 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.49	8.94	2.49	1.17	.15	.15	2.35	28.74
5 TO 9	1.47	1.61	.59	.44	.00	.00	.29	4.40
10- UP	.59	.29	.29	.00	.00	.00	1.17	4.40
TOTAL	15.54	10.85	3.37	1.61	.15	.15	2.64	34.31

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.26	14.96	6.30	1.32	.00	.00	1.17	34.02
5 TO 9	3.81	6.30	5.27	.88	.00	.00	.00	16.26
10- UP	.44	3.23	.44	.29	.00	.00	.00	4.40
TOTAL	14.52	24.49	12.61	2.49	.00	.00	1.17	55.28

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.29	1.03	.29	.00	.00	.00	3.27	15.54
5 TO 9	3.23	.88	.15	.15	.00	.00	1.47	5.87
10- UP	.15	.44	.00	.00	.00	.00	.15	.73
TOTAL	14.66	2.35	.44	.15	.00	.00	4.84	22.43

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.44	3.08	.77	.15	.00	.00	2.93	18.33
5 TO 9	13.69	6.30	1.76	.44	.00	.00	1.47	25.66
10- UP	11.58	6.60	1.61	.15	.15	.00	1.76	21.85
TOTAL	38.71	15.98	4.11	.73	.15	.00	6.16	65.84

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 19 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.10	8.80	1.47	.59	.44	.00	1.32	27.71
5 TO 9	1.03	1.76	.29	.00	.15	.00	.00	3.23
10- UP	.73	.15	.00	.00	.00	.00	.00	.88
TOTAL	16.86	10.70	1.76	.59	.59	.00	1.32	31.82

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.73	17.60	4.40	1.61	.00	.00	.73	36.07
5 TO 9	6.74	5.72	4.55	.59	.00	.00	.00	17.60
10- UP	.59	2.49	.29	.29	.00	.00	.00	3.67
TOTAL	19.06	25.81	9.24	2.49	.00	.00	.73	57.33

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.50	1.47	.15	.00	.00	.00	2.93	13.05
5 TO 9	2.35	.73	.29	.00	.00	.00	.59	3.96
10- UP	.15	.29	.29	.00	.00	.00	.15	.88
TOTAL	11.00	2.49	.73	.00	.00	.00	3.67	17.89

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.54	5.13	.29	.00	.00	.00	2.49	23.46
5 TO 9	22.58	5.28	.88	.00	.00	.00	1.47	30.21
10- UP	9.82	5.13	.73	.59	.00	.00	1.03	17.30
TOTAL	47.95	15.54	1.91	.59	.00	.00	4.99	70.97

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 10.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 20 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.14	2.64	.73	.29	.15	.00	2.49	17.45
5 TO 9	1.61	1.32	.15	.00	.15	.00	.15	3.37
10- UP	.44	.15	.15	.00	.00	.00	.00	.73
TOTAL	13.20	4.11	1.03	.29	.29	.00	2.64	21.55

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO20	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.22	12.32	3.37	1.17	.29	.00	5.43	36.80
5 TO 9	12.90	6.60	3.37	.29	.00	.00	1.03	24.19
10- UP	.59	2.49	.00	.29	.00	.00	.00	3.37
TOTAL	27.71	21.41	6.74	1.76	.29	.00	6.45	64.37

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.04	1.03	.15	.00	.00	.00	1.17	9.38
5 TO 9	1.17	.73	.15	.00	.00	.00	.88	2.93
10- UP	.00	.29	.15	.00	.00	.00	.00	.44
TOTAL	8.21	2.05	.44	.00	.00	.00	2.05	12.76

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.65	3.37	.00	.00	.00	.00	5.57	28.59
5 TO 9	23.61	4.94	.44	.00	.00	.00	1.91	30.79
10- UP	7.92	3.37	1.03	.44	.15	.00	.59	13.49
TOTAL	51.17	11.58	1.47	.44	.15	.00	8.06	72.87

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 21 NUMBER OBS. 682

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.09	2.35	.88	.15	.00	.15	3.23	15.84
5 TO 9	2.49	.44	.15	.00	.00	.00	.00	3.08
10- UP	.59	.15	.00	.00	.00	.00	.00	.73
TOTAL	12.17	2.93	1.03	.15	.00	.15	3.23	19.65

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.40	10.26	3.23	.29	.44	.00	7.18	36.80
5 TO 9	17.74	5.72	3.37	.59	.00	.00	1.03	28.45
10- UP	1.03	2.20	.15	.15	.00	.00	.00	3.52
TOTAL	34.16	18.19	6.74	1.03	.44	.00	8.21	68.77

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.18	.88	.00	.00	.00	.00	1.03	9.09
5 TO 9	.73	.88	.44	.00	.00	.00	.00	2.05
10- UP	.00	.44	.00	.00	.00	.00	.00	.44
TOTAL	7.92	2.20	.44	.00	.00	.00	1.03	11.58

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	24.93	4.25	.15	.00	.00	.00	5.28	34.60
5 TO 9	23.61	3.52	.44	.00	.00	.00	2.49	30.06
10- UP	7.48	3.23	.59	.00	.15	.00	.59	12.02
TOTAL	56.01	11.00	1.17	.00	.15	.00	8.36	76.69

TABLE 10.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 22 NUMBER OBS. 6*2

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.38	1.76	.59	.15	.15	.00	2.64	14.60
5 TO 9	2.35	.44	.15	.00	.00	.00	.44	3.37
10- UP	.44	.15	.15	.00	.00	.00	.00	.73
TOTAL	12.17	2.35	.88	.15	.15	.00	3.08	18.77

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.97	8.65	2.49	.59	.15	.00	6.60	39.44
5 TO 9	16.42	4.25	3.08	.44	.00	.00	1.03	25.22
10- UP	.88	2.35	.15	.15	.00	.00	.00	3.52
TOTAL	38.27	15.25	5.72	1.17	.15	.00	7.62	68.18

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.28	1.17	.00	.00	.00	.00	.73	7.18
5 TO 9	.59	.88	.15	.00	.00	.00	.15	1.76
10- UP	.15	.00	.00	.15	.00	.00	.15	.44
TOTAL	6.01	2.05	.15	.15	.00	.00	1.03	9.38

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	26.54	2.79	.15	.15	.00	.00	9.69	39.30
5 TO 9	19.50	4.40	.29	.00	.00	.00	2.49	26.69
10- UP	7.77	2.64	.59	.15	.00	.00	.44	11.58
TOTAL	53.81	9.82	1.03	.29	.00	.00	12.61	77.57

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF OCT.

HOUR 23 NUMBER OBS. 6*2

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.26	1.47	.73	.29	.00	.00	2.35	15.10
5 TO 9	1.03	.29	.00	.15	.00	.00	.00	1.47
10- UP	.44	.15	.15	.00	.00	.15	.00	.88
TOTAL	11.73	1.91	.88	.44	.00	.15	2.35	17.45

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.97	6.89	3.37	.73	.29	.00	6.74	39.00
5 TO 9	19.21	4.11	2.64	.29	.00	.00	.88	27.13
10- UP	.68	1.72	.00	.00	.00	.00	.00	2.20
TOTAL	41.06	12.32	6.01	1.03	.29	.00	7.62	68.33

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.13	.59	.00	.00	.00	.00	.00	5.72
5 TO 9	.00	.73	.29	.00	.00	.00	.44	1.47
10- UP	.15	.00	.00	.00	.15	.00	.00	.29
TOTAL	5.28	1.32	.29	.00	.15	.00	.44	7.48

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	27.57	3.23	.00	.15	.00	.00	10.26	41.20
5 TO 9	20.53	4.11	.29	.00	.00	.15	1.76	26.83
10- UP	6.30	2.05	1.17	.15	.00	.00	.44	10.12
TOTAL	54.40	9.38	1.47	.29	.00	.15	12.46	78.15

TABLE 10.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF OCT.

*** RUNWAY 17 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	15.43	8.13	7.29	9.75	43.82
03-05	20.17	10.77	9.40	13.55	45.82
06-08	17.28	7.98	9.30	9.83	49.35
09-11	19.24	13.31	5.92	17.81	23.45
12-14	19.29	10.08	9.20	17.59	21.56
15-17	20.02	8.47	11.55	14.26	26.43
18-20	21.15	8.13	13.02	11.49	44.48
21-23	14.29	6.56	7.73	8.06	41.58
00-23	18.36	9.18	9.18	12.50	34.56

*** RUNWAY 35 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	20.70	7.68	13.02	21.05	20.51
03-05	19.92	8.47	11.45	16.54	23.47
06-08	18.45	8.96	9.50	15.43	22.64
09-11	16.59	6.95	9.64	10.81	26.99
12-14	18.75	10.62	8.13	16.68	22.37
15-17	17.18	11.11	6.07	19.81	13.82
18-20	19.38	11.94	7.44	29.08	12.62
21-23	16.74	8.13	8.61	25.74	12.59
00-23	18.47	9.23	9.23	18.35	19.58

10.4A

*** RUNWAY 22 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	6.22	3.33	2.89	3.61	37.11
03-05	9.35	4.85	4.50	5.35	46.17
06-08	10.87	6.46	4.41	7.33	37.19
09-11	17.28	12.09	5.19	15.91	21.59
12-14	15.96	7.68	8.27	12.70	20.94
15-17	9.74	2.74	7.00	3.96	22.73
18-20	10.08	3.23	6.85	3.91	38.67
21-23	7.15	2.94	4.21	3.24	44.33
00-23	10.83	5.41	5.41	6.67	28.78

*** RUNWAY 4 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	19.43	7.29	12.14	26.23	16.81
03-05	22.12	10.08	12.04	25.15	20.10
06-08	19.53	7.78	11.75	15.24	24.00
09-11	12.19	4.94	7.24	7.42	19.68
12-14	11.26	7.54	3.72	12.37	9.52
15-17	10.08	8.08	2.01	17.06	3.81
18-20	15.37	9.50	5.87	31.49	8.41
21-23	16.69	8.13	8.57	36.01	11.06
00-23	15.93	7.92	7.92	18.46	13.86

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 10.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF OCT.

*** RUNWAY 17 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	9.16	.47	.12	9.75
03-05	12.81	.62	.12	13.55
06-08	8.50	1.33	.00	9.83
09-11	14.41	2.88	.52	17.81
12-14	13.66	3.42	.51	17.59
15-17	12.20	1.81	.25	14.26
18-20	10.66	.83	.00	11.49
21-23	7.16	.90	.00	8.06
00-23	10.88	1.44	.17	12.50

*** RUNWAY 35 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	16.36	2.68	.00	21.05
03-05	14.44	1.72	.38	16.54
06-08	12.48	2.70	.25	15.43
09-11	8.61	2.13	.08	10.81
12-14	13.07	3.38	.23	16.68
15-17	15.36	3.93	.52	19.81
18-20	21.81	6.79	.48	29.01
21-23	20.16	5.58	.00	25.74
00-23	14.69	3.41	.26	18.35

10.4B

*** RUNWAY 22 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	3.50	.05	.05	3.61
03-05	5.02	.32	.00	5.35
06-08	6.27	.94	.11	7.33
09-11	12.76	2.77	.39	15.91
12-14	9.79	2.18	.73	12.70
15-17	3.32	.50	.14	3.96
18-20	3.81	.12	.00	3.93
21-23	2.87	.32	.05	3.24
00-23	5.69	.82	.16	6.67

*** RUNWAY 4 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	22.36	3.87	.00	26.23
03-05	21.98	3.17	.00	25.15
06-08	12.85	2.21	.19	15.24
09-11	5.65	1.78	.39	7.82
12-14	7.87	3.53	.96	12.37
15-17	11.27	4.34	1.45	17.06
18-20	23.70	7.47	.32	31.49
21-23	29.72	5.86	.43	36.01
00-23	14.32	3.61	.53	18.46

TABLE 10.5. EDWARDS AFB HEADWIND COMPONENT CUMULATIVE PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF OCT.

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 17 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 35 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	54.18	56.73	42.67	33.47	47.95	*	74.77	65.27	40.35	35.60	54.13
1- 2	61.05	63.79	51.11	41.86	55.53	*	83.35	73.80	51.96	51.40	65.16
2- 3	69.18	69.41	58.35	51.40	63.00	*	89.91	79.82	63.18	63.53	74.10
3- 4	75.80	74.58	65.08	58.88	69.52	*	94.20	87.36	74.71	73.65	82.50
4- 5	80.73	78.56	68.99	62.83	73.77	*	96.80	90.40	79.63	78.19	86.28
5- 6	85.37	82.42	74.19	66.69	78.14	*	97.81	92.54	84.63	83.77	89.69
6- 7	90.79	86.27	78.36	73.60	83.19	*	98.40	94.52	88.01	87.35	92.08
7- 8	94.46	90.07	82.96	77.88	87.22	*	98.91	96.19	90.70	91.19	94.24
8- 9	96.39	93.27	85.95	82.40	90.29	*	99.33	97.11	93.39	93.89	95.92
9-10	97.53	95.36	88.93	85.86	92.58	*	99.50	97.56	95.08	95.29	96.85
10-11	98.25	97.06	91.31	88.24	94.28	*	99.66	98.10	96.62	96.60	97.74
11-12	98.86	97.78	92.50	90.30	95.36	*	99.66	98.63	96.77	97.38	98.10
12-13	99.58	98.69	95.06	93.91	97.15	*	99.83	99.24	97.62	97.91	98.65
13-14	99.70	99.22	96.42	95.48	97.96	*	99.83	99.47	98.00	98.52	98.95
14-15	99.82	99.61	97.27	96.71	98.55	*	99.83	99.47	98.46	99.13	99.21
15-16	99.88	99.67	98.38	98.36	99.18	*	99.83	99.62	99.15	99.13	99.43
16-17	100.00	99.74	98.81	98.68	99.39	*	99.92	99.62	99.15	99.56	99.56
17-18	******	99.74	99.74	99.42	99.75	*	100.00	99.70	99.54	99.65	99.72
18-19	******	99.74	99.91	99.75	99.86	*	******	99.77	99.77	99.65	99.80
19-20	******	99.93	99.91	99.92	99.95	*	******	99.92	99.85	99.83	99.90
20-21	******	99.93	99.91	99.92	99.95	*	******	99.92	99.85	99.83	99.90
21-22	******	99.93	99.91	99.92	99.95	*	******	99.92	99.85	99.91	99.92
22-23	******	99.93	100.00	100.00	99.98	*	******	99.92	99.92	100.00	99.96
23-24	******	99.93	******	******	99.98	*	******	99.92	99.92	******	99.96
24-25	******	100.00	******	******	100.00	*	******	100.00	99.92	******	99.98
25-26	******	******	******	******	******	*	******	******	99.92	******	99.98
26-27	******	******	******	******	******	*	******	******	99.92	******	99.98
27-28	******	******	******	******	******	*	******	******	99.92	******	99.98
28-29	******	******	******	******	******	*	******	******	100.00	******	100.00
NOBS	1661	1530	1174	1216	5581	*	1189	1313	1301	1146	4949

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 10.5. (Concluded)

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF OCT.

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 22 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 4 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	48.00	54.08	39.39	25.90	42.59	*	80.21	65.22	38.71	38.06	55.64
1- 2	56.98	59.23	42.13	29.71	48.03	*	86.62	74.44	48.27	46.85	64.21
2- 3	64.02	63.47	46.81	34.37	53.35	*	92.83	80.17	57.27	53.57	71.16
3- 4	71.23	67.59	51.90	38.83	58.69	*	96.56	86.75	67.71	62.67	78.68
4- 5	76.11	70.74	54.56	41.71	62.19	*	97.71	90.94	73.49	68.87	83.03
5- 6	79.99	72.73	58.03	45.17	65.39	*	98.18	92.72	77.51	74.66	85.97
6- 7	83.76	75.43	60.61	49.54	68.78	*	98.95	93.80	81.45	79.21	88.50
7- 8	86.64	78.46	64.57	54.98	72.52	*	99.24	94.64	84.34	83.06	90.42
8- 9	89.31	81.16	67.23	58.72	75.46	*	99.33	94.97	86.99	86.87	92.06
9-10	91.08	84.31	71.51	63.44	78.79	*	99.52	95.97	90.28	90.49	94.06
10-11	92.79	86.11	74.98	67.25	81.39	*	99.62	96.20	91.89	92.35	94.99
11-12	94.57	88.68	79.10	72.19	84.59	*	99.71	97.29	94.14	94.73	96.44
12-13	95.45	91.06	81.68	76.05	87.38	*	99.71	97.75	95.58	95.97	97.23
13-14	97.17	92.93	85.63	83.49	90.47	*	99.90	98.22	96.95	97.10	98.02
14-15	98.28	94.98	89.51	87.86	93.17	*	99.90	99.07	97.51	97.83	98.57
15-16	98.84	96.98	92.33	91.53	95.30	*	99.90	99.46	98.07	98.76	99.03
16-17	99.17	97.88	93.95	93.58	96.44	*	99.90	99.46	98.63	99.07	99.25
17-18	99.61	98.78	97.18	96.26	98.10	*	99.90	99.46	99.20	99.48	99.49
18-19	99.83	98.97	98.22	97.67	98.77	*	99.90	99.61	99.52	99.48	99.63
19-20	99.89	99.23	99.11	99.01	99.35	*	100.00	99.92	99.76	99.59	99.82
20-21	99.89	99.61	99.27	99.29	99.55	*	******	100.00	99.84	99.69	99.89
21-22	99.94	99.74	99.44	99.58	99.70	*	******	******	99.92	99.69	99.91
22-23	100.00	99.81	99.60	99.65	99.78	*	******	******	100.00	99.90	99.98
23-24	******	99.87	99.76	99.86	99.88	*	******	******	******	100.00	100.00
24-25	******	99.94	99.76	99.86	99.90	*	******	******	******	******	******
25-26	******	99.94	99.92	100.00	99.97	*	******	******	******	******	******
26-27	******	100.00	99.92	******	99.98	*	******	******	******	******	******
27-28	******	******	100.00	******	100.00	*	******	******	******	******	******
NOBS	1804	1555	1239	1417	6015	*	1046	1291	1245	967	4549

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 10.6. EDWARDS AFB BIVARIATE NORMAL STATISTICS (OCTOBER, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 10/42 - 10/67
MONTH OF RECORD - 10
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	1.42	.72	2.99	2.21	3.04	.4613	651
1	2.22	.50	4.73	2.86	7.44	.5491	712
2	.46	.11	6.00	4.45	10.23	.3627	707
3	1.06	.60	6.87	6.26	7.03	.1637	667
4	2.83	.54	7.44	7.10	3.32	.0628	635
5	4.22	.14	8.29	8.64	7.96	.1112	604
6	5.67	-.25	9.09	10.00	14.70	.1617	585
7	7.20	-.73	10.20	11.17	15.37	.1349	536
8	8.33	-.63	11.69	12.22	17.32	.1213	523
9	9.59	-.21	12.79	13.71	25.51	.1455	519
10	10.93	-.28	13.67	15.79	44.88	.2080	516
11	12.47	-.21	13.70	15.45	49.38	.2333	514
12	14.07	-.02	13.32	14.24	60.62	.3195	514
13	14.51	.81	12.45	12.54	53.91	.3453	512
14	14.10	.95	11.31	10.35	32.17	.2747	509
15	12.59	1.60	9.26	8.71	26.51	.3285	507
16	10.69	.97	7.87	6.67	18.86	.3590	496
17	7.81	.50	6.41	5.49	13.33	.3781	486
18	5.29	.16	5.57	4.42	8.04	.3268	477
19	3.18	.29	4.82	3.57	5.68	.3301	470
20	1.90	-.16	4.31	3.29	5.13	.3618	461
21	1.02	-.32	4.24	2.89	4.00	.3261	445
22	.81	-.06	4.18	2.75	1.84	.1596	442
23	.98	-.31	4.43	2.85	3.09	.2454	437
24	1.37	-.22	5.03	2.91	2.96	.2021	419
25	2.48	.20	5.87	2.88	2.75	.1631	412
26	3.43	.06	6.34	2.67	3.93	.2318	407
27	3.49	-.09	6.53	2.62	3.92	.2293	369

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

NOVEMBER

PRECEDING PAGE BLANK NOT FILMED

PRECEDING PAGE BLANK NOT FILMED

TABLE 11.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF NOV.

RUNWAY 17 - 35

HRS	1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	CROSSWIND ***** CRITICAL LIMITS IN KNOTS *****							
	PERCENTAGES							
00-02	45.66	13.54	4.65	2.32	.30	.00	33.54	1980
03-05	42.47	11.41	3.84	1.16	.40	.10	40.61	1980
06-08	35.20	8.48	4.29	1.72	.35	.05	49.90	1980
09-11	25.91	10.10	6.97	3.39	.86	.10	52.68	1980
12-14	27.47	14.90	11.92	6.41	1.06	.00	38.23	1980
15-17	25.05	21.62	14.14	5.76	1.16	.15	32.12	1980
18-20	36.87	20.86	7.37	2.98	.61	.05	31.26	1980
21-23	46.92	13.43	6.41	2.22	.40	.25	30.35	1980
00-23	35.69	14.29	7.45	3.24	.64	.09	38.59	15840

11.1A

****

RUNWAY 22 - 4

HRS	1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	CROSSWIND ***** CRITICAL LIMITS IN KNOTS *****							
	PERCENTAGES							
00-02	50.91	7.53	1.52	.35	.00	.00	39.70	1980
03-05	47.27	6.26	1.06	.35	.05	.00	45.00	1980
06-08	43.38	6.36	1.31	.20	.00	.00	48.74	1980
09-11	35.56	8.79	2.42	1.16	.00	.00	52.07	1980
12-14	38.99	13.23	4.14	1.52	.66	.00	41.46	1980
15-17	40.81	15.40	5.66	1.77	.45	.05	35.86	1980
18-20	52.58	12.17	2.73	.40	.10	.00	32.02	1980
21-23	56.97	9.80	1.46	.25	.15	.00	31.36	1980
00-23	45.81	9.94	2.54	.75	.18	.01	40.78	15840

11.1B

****

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	CROSSWIND ***** CRITICAL LIMITS IN KNOTS *****							
	PERCENTAGES							
00-02	47.27	5.30	1.21	.30	.00	.00	45.91	1980
03-05	42.58	3.79	.81	.30	.05	.00	52.47	1980
06-08	36.16	3.94	1.11	.15	.00	.00	58.64	1980
09-11	28.74	6.46	2.17	.51	.00	.00	61.72	1980
12-14	33.89	10.96	3.94	1.21	.15	.00	49.85	1980
15-17	34.65	14.24	5.20	1.41	.25	.00	44.24	1980
18-20	48.18	8.84	2.42	.35	.10	.00	40.10	1980
21-23	51.46	5.86	1.41	.30	.10	.00	40.86	1980
00-23	40.37	7.42	2.29	.62	.08	.00	49.22	15840

11.1C

TABLE 11.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF NOV.

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	20.00	2.17	.51	1980	37.47	12.07	2.58
03-05	21.36	2.83	.15	1980	32.42	9.85	2.32
06-08	21.62	3.08	.10	1980	25.71	10.05	2.02
09-11	19.09	6.01	1.31	1980	20.56	8.33	5.40
12-14	27.68	10.66	3.28	1980	16.31	8.28	6.97
15-17	32.07	7.68	1.77	1980	20.05	10.10	6.57
18-20	26.36	4.34	.40	1980	29.60	15.20	2.37
21-23	20.61	3.84	.30	1980	36.92	16.21	2.37
00-23	23.60	5.08	.98	15840	27.38	11.26	3.91

11.2A

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	9.55	1.46	.56	1980	38.43	15.81	8.84
03-05	12.17	1.92	.10	1980	34.60	12.53	7.47
06-08	13.84	2.53	.30	1980	27.53	10.96	7.37
09-11	18.69	4.24	2.27	1980	15.76	7.37	12.32
12-14	25.05	8.84	5.51	1980	9.55	7.12	16.62
15-17	20.25	9.80	3.84	1980	12.73	13.03	18.03
18-20	15.91	4.24	.76	1980	25.96	19.95	11.31
21-23	10.91	2.78	.40	1980	38.79	16.97	10.35
00-23	15.80	4.46	1.72	15840	25.42	12.97	11.54

11.2B

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 11.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 0 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.03	2.27	.91	.61	.15	.00	3.79	20.76
5 TO 9	1.82	.45	.00	.15	.00	.00	.00	2.42
10- UP	.45	.30	.00	.00	.00	.00	.00	.76
TOTAL	15.30	3.03	.91	.76	.15	.00	3.79	23.94

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	22.73	6.76	1.82	.91	.00	.00	5.61	37.42
5 TO 9	8.79	3.33	1.82	.91	.00	.00	.00	14.85
10- UP	.30	1.06	.00	.30	.00	.00	.00	1.67
TOTAL	31.82	10.76	3.64	2.12	.00	.00	5.61	53.94

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.67	1.06	.00	.00	.00	.00	1.67	9.39
5 TO 9	1.06	.15	.00	.00	.00	.00	.15	1.36
10- UP	.00	.61	.00	.15	.00	.00	.00	.76
TOTAL	7.73	1.82	.00	.15	.00	.00	1.82	11.52

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	27.27	2.12	.15	.00	.00	.00	10.15	39.70
5 TO 9	14.39	1.52	.45	.15	.00	.00	1.06	17.58
10- UP	3.94	3.03	1.06	.15	.00	.00	.76	8.94
TOTAL	45.61	6.67	1.67	.30	.00	.00	11.97	66.21

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 1 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.48	1.82	.76	.15	.15	.00	3.94	20.30
5 TO 9	.76	.45	.00	.15	.15	.00	.30	1.82
10- UP	.15	.15	.00	.00	.00	.00	.00	.30
TOTAL	14.39	2.42	.76	.30	.30	.00	4.24	22.42

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	24.24	8.79	1.67	.91	.15	.00	3.03	38.79
5 TO 9	6.06	2.27	1.52	.76	.00	.00	.00	10.61
10- UP	.45	1.67	.15	.45	.15	.00	.00	2.88
TOTAL	30.76	12.73	3.33	2.12	.30	.00	3.03	52.27

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.18	.45	.00	.00	.00	.00	1.67	10.30
5 TO 9	.76	.15	.00	.00	.00	.00	.30	1.21
10- UP	.00	.61	.00	.00	.00	.00	.00	.61
TOTAL	8.94	1.21	.00	.00	.00	.00	1.97	12.12

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	24.70	1.36	.30	.00	.00	.00	10.00	36.36
5 TO 9	12.27	2.27	.61	.00	.00	.00	1.67	16.82
10- UP	4.70	2.88	.76	.30	.00	.00	.45	9.09
TOTAL	41.67	6.52	1.67	.30	.00	.00	12.12	62.27

TABLE 11.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 2 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.03	1.52	.76	.45	.00	.00	3.18	18.94
5 TO 9	1.67	.30	.00	.00	.00	.00	.30	2.27
10- UP	.00	.15	.00	.30	.00	.00	.00	.45
TOTAL	14.70	1.97	.76	.76	.00	.00	3.48	21.67

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	23.94	5.61	1.67	.61	.00	.00	4.39	36.21
5 TO 9	5.91	2.27	2.42	.15	.00	.00	.00	10.76
10- UP	.45	1.97	.45	.15	.15	.00	.00	3.18
TOTAL	30.30	9.85	4.55	.91	.15	.00	4.39	50.15

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.82	.15	.15	.00	.00	.00	1.82	8.94
5 TO 9	1.21	.30	.00	.00	.00	.00	.30	1.82
10- UP	.00	.15	.00	.00	.00	.00	.15	.30
TOTAL	8.03	.61	.15	.00	.00	.00	2.27	11.06

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	26.67	1.36	.00	.15	.00	.00	11.06	39.24
5 TO 9	9.24	1.97	.61	.00	.00	.00	1.21	13.03
10- UP	4.85	2.42	.45	.15	.00	.00	.61	8.48
TOTAL	40.76	5.76	1.06	.30	.00	.00	12.88	60.76

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 3 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.42	1.21	.30	.15	.15	.00	4.55	18.79
5 TO 9	1.67	1.06	.00	.15	.00	.00	.30	3.18
10- UP	.00	.15	.15	.00	.00	.00	.00	.30
TOTAL	14.09	2.42	.45	.30	.15	.00	4.65	22.27

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	23.03	6.67	1.97	.45	.15	.00	3.48	35.76
5 TO 9	6.21	1.21	2.12	.15	.00	.00	.30	10.00
10- UP	.45	1.36	.30	.15	.00	.15	.00	2.42
TOTAL	29.70	9.24	4.39	.76	.15	.15	3.79	48.18

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.12	.30	.00	.00	.00	.00	2.58	10.00
5 TO 9	1.06	.30	.15	.00	.00	.00	.45	1.97
10- UP	.00	.00	.00	.00	.00	.00	.15	.15
TOTAL	8.18	.61	.15	.00	.00	.00	3.18	12.12

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	26.67	2.12	.00	.15	.00	.00	8.48	37.42
5 TO 9	10.00	1.52	.45	.15	.00	.00	1.36	13.48
10- UP	3.94	2.58	.30	.15	.00	.00	.30	7.27
TOTAL	40.61	6.21	.76	.45	.00	.00	10.15	58.18

TABLE 11.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 4 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	13.79	2.27	.61	.15	.30	.15	6.21	23.48	21.36	5.91	1.36	.61	.00	.00	3.48	32.73
5 TO 9	2.12	.30	.00	.00	.00	.00	.00	2.42	5.00	1.97	1.52	.30	.00	.00	.00	8.79
10- UP	.15	.00	.00	.00	.00	.00	.00	.15	.61	1.52	.15	.30	.00	.00	.00	2.58
TOTAL	16.06	2.58	.61	.15	.30	.15	6.21	26.06	26.97	9.39	3.03	1.21	.00	.00	3.48	44.09

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	10.45	.76	.00	.00	.00	.00	1.52	12.73	23.79	1.06	.00	.00	.00	.00	9.39	34.24
5 TO 9	1.36	.45	.00	.00	.00	.00	.30	2.12	8.79	2.27	.45	.00	.00	.00	1.67	13.18
10- UP	.00	.15	.00	.00	.00	.00	.00	.15	4.09	2.12	.30	.30	.15	.00	.61	7.58
TOTAL	11.82	1.36	.00	.00	.00	.00	1.82	15.00	36.67	5.45	.76	.30	.15	.00	11.67	55.00

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 5 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	13.64	1.06	.45	.30	.15	.00	6.21	21.82	19.09	4.55	1.06	.30	.45	.00	3.33	28.79
5 TO 9	1.97	.61	.00	.00	.00	.00	.30	2.88	5.61	3.18	1.36	.45	.00	.00	.15	10.76
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	.45	1.36	.15	.00	.00	.00	.00	1.97
TOTAL	15.61	1.67	.45	.30	.15	.00	6.52	24.70	25.15	9.09	2.58	.76	.45	.00	3.48	41.52

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	10.61	.45	.00	.00	.00	.00	2.73	13.79	21.06	1.36	.00	.00	.00	.00	9.70	32.12
5 TO 9	.91	.30	.00	.00	.00	.00	.45	1.67	7.73	1.52	.45	.00	.00	.00	1.36	11.06
10- UP	.00	.00	.00	.00	.00	.00	.00	.00	4.24	1.52	1.06	.30	.00	.00	.45	7.58
TOTAL	11.52	.76	.00	.00	.00	.00	3.18	15.45	33.03	4.39	1.52	.30	.00	.00	11.52	50.76

TABLE 11.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 6 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.61	1.97	.76	.45	.00	.00	6.21	25.00
5 TO 9	1.82	.30	.00	.00	.00	.00	.45	2.58
10- UP	.00	.15	.00	.00	.00	.00	.00	.15
TOTAL	17.42	2.42	.76	.45	.00	.00	6.67	27.73

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.42	3.94	.76	.61	.61	.00	4.09	27.42
5 TO 9	5.76	1.97	1.36	.91	.15	.00	.00	10.15
10- UP	.15	.91	.00	.00	.00	.00	.00	1.06
TOTAL	23.33	6.82	2.12	1.52	.76	.00	4.09	38.64

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.00	1.21	.15	.00	.00	.00	1.97	13.33
5 TO 9	1.21	.76	.00	.00	.00	.00	.30	2.27
10- UP	.15	.00	.00	.00	.00	.00	.00	.15
TOTAL	11.36	1.97	.15	.00	.00	.00	2.27	15.76

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	25.00	1.06	.00	.00	.00	.00	6.82	32.88
5 TO 9	7.88	1.97	.15	.00	.00	.00	1.21	11.21
10- UP	3.64	1.36	1.06	.15	.00	.00	.30	6.52
TOTAL	36.52	4.39	1.21	.15	.00	.00	8.33	50.61

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 7 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.76	1.06	.76	.76	.00	.00	7.27	20.61
5 TO 9	2.12	.45	.15	.00	.00	.00	.15	2.88
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	12.88	1.52	.91	.76	.00	.00	7.42	23.48

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.58	2.73	1.97	.30	.15	.00	4.70	27.42
5 TO 9	5.15	2.27	1.36	.61	.00	.00	.15	9.55
10- UP	.15	1.21	.30	.15	.00	.00	.00	1.82
TOTAL	22.88	6.21	3.64	1.06	.15	.00	4.85	38.79

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.45	.45	.00	.00	.00	.00	1.52	12.42
5 TO 9	1.21	.76	.15	.00	.00	.00	.45	2.58
10- UP	.15	.00	.00	.00	.00	.00	.15	.30
TOTAL	11.82	1.21	.15	.00	.00	.00	2.12	15.30

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.00	.91	.00	.00	.00	.00	8.64	29.55
5 TO 9	7.42	1.82	.30	.00	.00	.00	.91	10.45
10- UP	3.64	1.82	.76	.15	.00	.00	.45	6.82
TOTAL	31.06	4.55	1.06	.15	.00	.00	10.00	46.82

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 11.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 8 NUMBER OBS. 640

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.33	1.21	.76	.30	.00	.00	8.64	19.24
5 TO 9	2.88	.45	.30	.00	.00	.00	.15	3.79
10- UP	.15	.00	.00	.00	.00	.00	.00	.15
TOTAL	11.36	1.67	1.06	.30	.00	.00	8.79	23.18

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.67	2.59	1.67	.76	.15	.15	5.30	22.27
5 TO 9	5.45	2.42	2.12	.30	.00	.00	.15	10.45
10- UP	.76	1.82	.61	.00	.00	.00	.00	3.18
TOTAL	17.88	6.82	4.39	1.06	.15	.15	5.45	35.91

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.73	.45	.00	.00	.00	.00	2.58	15.76
5 TO 9	2.27	.45	.00	.00	.00	.00	.00	2.73
10- UP	.00	.30	.00	.00	.00	.00	.15	.45
TOTAL	15.00	1.21	.00	.00	.00	.00	2.73	18.94

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.97	1.21	.30	.00	.00	.00	6.67	20.15
5 TO 9	7.42	2.42	.30	.00	.00	.00	1.06	11.21
10- UP	5.00	2.12	.76	.30	.00	.00	.61	8.79
TOTAL	24.39	5.76	1.36	.30	.00	.00	8.33	40.15

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 9 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.27	.76	.76	.45	.30	.00	6.82	16.36
5 TO 9	3.64	.30	.30	.30	.00	.00	.30	4.85
10- UP	.15	.45	.00	.00	.00	.00	.00	.61
TOTAL	11.06	1.52	1.06	.76	.30	.00	7.12	21.82

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.00	3.64	1.52	.76	.15	.00	7.12	23.18
5 TO 9	4.24	2.58	2.12	.15	.00	.00	.15	9.24
10- UP	.61	2.73	.91	.61	.00	.00	.00	4.85
TOTAL	14.85	8.94	4.55	1.52	.15	.00	7.27	37.27

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.27	1.21	.15	.00	.00	.00	3.94	17.58
5 TO 9	2.12	1.21	.30	.00	.00	.00	.00	3.64
10- UP	.00	.76	.00	.00	.00	.00	.15	.91
TOTAL	14.39	3.18	.45	.00	.00	.00	4.09	22.12

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.61	.91	.15	.00	.00	.00	5.15	16.82
5 TO 9	7.27	.76	.15	.30	.00	.00	.45	8.94
10- UP	5.91	2.88	.91	.45	.00	.00	1.06	11.21
TOTAL	23.79	4.55	1.21	.76	.00	.00	6.67	36.97

TABLE 11.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 10 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.94	1.06	1.36	.76	.91	.00	4.39	17.42
5 TO 9	4.09	1.06	.30	.15	.00	.00	.61	6.21
10- UP	.00	.15	.61	.15	.00	.15	.00	1.06
TOTAL	13.03	2.27	2.27	1.06	.91	.15	5.00	24.70

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.39	2.88	.91	.76	.30	.00	8.03	22.27
5 TO 9	2.88	2.73	1.67	.76	.00	.00	.00	8.03
10- UP	.61	2.58	1.36	.91	.00	.00	.00	5.45
TOTAL	12.88	8.18	3.94	2.42	.30	.00	8.03	35.76

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.30	1.36	.00	.00	.00	.00	4.39	16.06
5 TO 9	3.03	.30	.00	.00	.00	.00	.61	3.94
10- UP	.15	.76	.00	.00	.00	.00	1.52	2.42
TOTAL	13.48	2.42	.00	.00	.00	.00	6.52	22.42

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.15	1.21	.00	.15	.00	.00	6.67	18.18
5 TO 9	3.64	1.36	.76	.30	.00	.00	.91	6.97
10- UP	5.45	3.79	1.06	1.06	.00	.00	1.52	12.88
TOTAL	19.24	6.36	1.82	1.52	.00	.00	9.09	38.03

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 11 NUMBER OBS. 640

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.76	1.21	2.88	1.52	.00	.00	7.12	23.48
5 TO 9	4.55	1.21	.91	.30	.00	.00	.00	6.97
10- UP	.00	.76	.91	.15	.00	.15	.30	2.27
TOTAL	15.30	3.18	4.70	1.97	.00	.15	7.42	32.73

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.82	1.52	1.21	1.06	.45	.00	5.15	16.21
5 TO 9	3.33	1.97	1.97	.30	.15	.00	.00	7.73
10- UP	.45	2.73	1.21	1.21	.30	.00	.00	5.91
TOTAL	10.61	6.21	4.39	2.58	.91	.00	5.15	29.85

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.85	1.06	.45	.00	.00	.00	6.06	22.42
5 TO 9	3.33	.91	.15	.00	.00	.00	.76	5.15
10- UP	.76	1.36	.15	.00	.00	.00	1.21	3.48
TOTAL	18.94	3.33	.76	.00	.00	.00	8.03	31.06

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.27	1.06	.61	.45	.00	.00	2.88	12.27
5 TO 9	3.64	1.21	.91	.30	.00	.00	.15	6.21
10- UP	5.91	4.24	1.52	.45	.00	.00	.76	12.88
TOTAL	16.82	6.52	3.03	1.21	.00	.00	3.79	31.36

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 11.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 12 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.21	2.55	1.97	1.52	.00	.00	7.73	25.00
5 TO 9	5.30	2.42	.61	.61	.15	.00	.15	9.24
10- UP	.00	.61	1.52	.61	.00	.00	.15	2.88
TOTAL	16.52	5.61	4.09	2.73	.15	.00	8.03	37.12

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.12	2.12	2.12	1.36	.61	.00	2.88	16.21
5 TO 9	1.97	2.12	3.33	1.06	.00	.00	.00	8.48
10- UP	.61	3.64	1.21	.91	.00	.00	.00	6.36
TOTAL	9.70	7.88	6.67	3.33	.61	.00	2.88	31.06

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.06	1.82	.15	.00	.00	.00	6.21	24.24
5 TO 9	4.85	.91	.00	.00	.00	.00	1.21	6.97
10- UP	.76	1.52	.30	.00	.00	.00	1.82	4.39
TOTAL	21.67	4.24	.45	.00	.00	.00	9.24	35.61

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.91	.76	.45	.76	.30	.00	2.12	10.30
5 TO 9	3.03	1.97	.45	.45	.00	.00	.30	6.21
10- UP	7.42	4.85	1.82	.61	.00	.00	1.21	15.91
TOTAL	16.36	7.58	2.73	1.82	.30	.00	3.64	32.42

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 13 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.24	2.42	3.79	1.82	.15	.00	8.48	30.91
5 TO 9	5.91	3.18	.45	.45	.30	.00	.30	10.61
10- UP	.30	1.36	1.21	.45	.15	.00	.00	3.48
TOTAL	20.45	6.97	5.45	2.73	.61	.00	8.79	45.00

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.12	2.42	2.27	.91	.45	.00	2.59	15.76
5 TO 9	2.27	2.27	3.03	1.36	.15	.00	.00	9.09
10- UP	.45	2.58	1.36	1.06	.30	.00	.00	5.76
TOTAL	9.85	7.27	6.67	3.33	.91	.00	2.58	30.61

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.73	1.21	.45	.15	.30	.00	8.18	28.03
5 TO 9	5.45	1.67	.00	.15	.00	.00	1.82	9.09
10- UP	1.21	2.73	.15	.00	.00	.00	1.82	5.91
TOTAL	24.39	5.61	.61	.30	.30	.00	11.82	43.03

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.00	1.21	.30	.15	.30	.00	1.36	8.33
5 TO 9	3.64	1.97	1.52	.15	.15	.00	.30	7.73
10- UP	8.33	3.94	2.12	.61	.15	.00	.61	15.76
TOTAL	16.97	7.12	3.94	.91	.61	.00	2.27	31.82

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 11.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 14 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.06	5	3.64	1.36	.15	.00	7.27	27.12
5 TO 9	4.70	4.70	1.52	1.06	.00	.00	.15	12.12
10- UP	.61	1.06	1.06	.61	.15	.00	.00	3.48
TOTAL	16.36	9.39	6.21	3.03	.30	.00	7.42	42.73

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.42	1.82	2.42	1.67	.61	.00	3.03	16.97
5 TO 9	1.97	1.67	2.42	1.21	.00	.00	.00	7.27
10- UP	.91	4.24	2.12	1.21	.00	.00	.00	8.48
TOTAL	10.30	7.73	6.97	4.09	.61	.00	3.03	32.73

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.15	1.06	.15	.00	.30	.00	6.21	22.88
5 TO 9	5.00	1.36	.15	.15	.00	.00	3.79	10.45
10- UP	1.52	2.58	.15	.00	.00	.00	1.97	6.21
TOTAL	21.67	5.00	.45	.15	.30	.00	11.97	39.55

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.76	1.21	.45	.30	.15	.00	2.12	10.00
5 TO 9	2.42	2.58	1.06	.61	.15	.00	.61	7.42
10- UP	7.77	6.36	2.73	.45	.15	.00	.76	18.18
TOTAL	15.91	10.15	4.24	1.36	.45	.00	3.48	35.61

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 15 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.36	3.94	5.45	2.73	.00	.00	7.73	31.21
5 TO 9	4.24	4.85	.76	.76	.15	.00	.15	10.91
10- UP	.15	1.06	.45	.76	.30	.00	.00	2.73
TOTAL	15.76	9.85	6.67	4.24	.45	.00	7.88	44.85

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.76	2.88	2.12	1.36	.61	.15	3.64	16.52
5 TO 9	2.12	1.67	3.79	1.36	.00	.00	.30	9.24
10- UP	.91	4.39	1.82	.61	.15	.00	.00	7.88
TOTAL	8.79	8.94	7.73	3.33	.76	.15	3.94	33.64

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.79	1.06	.45	.15	.00	.00	6.82	22.27
5 TO 9	5.61	1.21	.15	.00	.00	.00	3.18	10.15
10- UP	1.36	3.03	.15	.00	.00	.00	1.82	6.36
TOTAL	20.76	5.30	.76	.15	.00	.00	11.82	38.79

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.36	1.21	.45	.30	.30	.15	1.52	10.30
5 TO 9	4.09	3.03	1.97	.45	.15	.00	.45	10.15
10- UP	7.42	6.82	3.03	.30	.30	.00	1.06	18.94
TOTAL	17.88	11.06	5.45	1.06	.76	.15	3.03	39.39

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 11.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 16 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	9.70	7.27	4.85	2.12	.91	.00	6.52	31.36	6.97	4.39	2.42	1.06	.30	.00	2.73	17.88
5 TO 9	2.42	2.88	1.52	.76	.00	.00	.15	7.73	2.73	1.67	5.91	1.06	.15	.15	.00	11.67
10- UP	.00	.61	.45	.45	.15	.00	.00	1.67	1.21	4.39	.76	.61	.00	.00	.00	6.97
TOTAL	12.12	10.76	6.82	3.33	1.06	.00	6.67	40.76	10.91	10.45	9.09	2.73	.45	.15	2.73	36.52

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	12.58	.76	.45	.15	.00	.00	4.70	18.64	5.61	1.67	.61	.30	.15	.00	2.58	10.91
5 TO 9	6.06	2.12	.30	.15	.00	.00	2.73	11.36	4.85	3.64	1.97	.76	.15	.00	.91	12.27
10- UP	1.06	1.36	.15	.00	.00	.00	1.06	3.64	9.09	5.70	2.58	1.36	.00	.00	1.36	19.70
TOTAL	19.70	4.24	.91	.30	.00	.00	8.48	33.64	19.55	10.61	5.15	2.42	.30	.00	4.85	42.88

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 17 NUMBER OBS. 660

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	15.15	7.27	3.79	1.52	.45	.15	5.30	33.64	8.33	9.24	4.09	1.06	.15	.00	2.88	25.76
5 TO 9	1.36	2.27	.76	.00	.00	.00	.00	4.39	2.73	2.73	3.03	.91	.00	.00	.00	9.39
10- UP	.15	.15	.45	.15	.00	.00	.00	.91	.30	3.79	.45	.15	.15	.00	.00	4.85
TOTAL	16.67	9.70	5.00	1.67	.45	.15	5.30	39.94	11.36	15.76	7.58	2.12	.30	.00	2.88	40.00

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	13.79	1.36	.00	.00	.00	.00	4.70	19.85	10.30	1.67	1.21	.30	.15	.00	3.33	16.97
5 TO 9	4.24	1.21	.15	.15	.00	.00	2.12	7.88	9.09	4.70	1.97	.15	.00	.00	.76	16.67
10- UP	.30	.61	.00	.00	.00	.00	.61	1.52	6.82	5.45	1.36	.76	.15	.00	.91	15.45
TOTAL	18.33	3.18	.15	.15	.00	.00	7.42	29.24	26.21	11.82	4.55	1.21	.30	.00	5.00	49.09

TABLE 11.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 18 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.30	5.15	2.88	1.21	.30	.00	4.09	29.94
5 TO 9	1.97	1.82	.15	.30	.00	.00	.00	4.24
10- UP	.00	.30	.15	.00	.00	.00	.15	.61
TOTAL	17.27	7.27	3.18	1.52	.30	.00	4.24	37.79

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.12	11.21	2.42	1.21	.30	.00	2.42	29.70
5 TO 9	5.15	4.24	3.48	.76	.00	.00	.00	13.64
10- UP	.76	1.82	.00	.30	.00	.00	.00	2.88
TOTAL	18.03	17.27	5.91	2.27	.30	.00	2.42	46.21

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.45	1.67	.30	.00	.00	.00	3.64	16.06
5 TO 9	3.33	.76	.00	.00	.00	.00	1.21	5.30
10- UP	.30	.61	.00	.00	.00	.00	.30	1.21
TOTAL	14.09	3.03	.30	.00	.00	.00	5.15	22.58

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.85	3.33	.30	.00	.00	.00	5.00	23.48
5 TO 9	13.79	4.09	1.67	.00	.00	.00	1.21	20.76
10- UP	6.82	3.64	1.82	.30	.00	.00	.45	13.03
TOTAL	35.45	11.06	3.79	.30	.00	.00	6.67	57.27

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 19 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.88	4.55	1.36	.76	.30	.00	5.76	25.61
5 TO 9	3.18	.91	.45	.00	.15	.00	.00	4.70
10- UP	.00	.15	.15	.00	.00	.00	.00	.30
TOTAL	16.06	5.61	1.97	.76	.45	.00	5.76	30.61

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.97	9.39	3.03	.91	.30	.00	3.79	29.39
5 TO 9	7.27	3.94	2.42	.30	.00	.00	.15	14.09
10- UP	.45	1.47	.00	.30	.00	.00	.00	2.42
TOTAL	19.70	15.00	5.45	1.52	.30	.00	3.94	45.91

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.59	2.27	.15	.00	.00	.00	2.58	17.58
5 TO 9	2.73	.45	.00	.00	.00	.00	.91	4.09
10- UP	.15	.15	.00	.00	.00	.00	.45	.76
TOTAL	15.45	2.88	.15	.00	.00	.00	3.94	22.42

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.42	2.12	.15	.15	.00	.00	3.33	23.18
5 TO 9	13.79	3.64	.91	.00	.00	.00	1.06	19.39
10- UP	5.45	3.03	1.52	.45	.15	.00	.61	11.21
TOTAL	36.67	8.79	2.58	.61	.15	.00	5.00	53.79

TABLE 11.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 20 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.33	2.88	1.06	.61	.30	.15	6.21	24.55
5 TO 9	2.88	1.06	.00	.00	.00	.00	.15	4.09
10- UP	.15	.00	.15	.00	.00	.00	.00	.30
TOTAL	16.36	3.94	1.21	.61	.30	.15	6.36	28.94

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.94	7.73	1.67	1.06	.15	.00	5.15	29.70
5 TO 9	9.24	4.85	2.73	.76	.00	.00	.30	17.88
10- UP	.30	1.06	.00	.45	.00	.00	.00	1.82
TOTAL	23.48	13.64	4.39	2.27	.15	.00	5.45	49.39

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.21	.91	.00	.00	.00	.00	1.97	14.09
5 TO 9	1.67	.76	.00	.00	.00	.00	.91	3.33
10- UP	.00	.15	.00	.00	.00	.00	.15	.30
TOTAL	12.88	1.82	.00	.00	.00	.00	3.03	17.73

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	22.73	3.48	.15	.00	.00	.00	4.85	31.21
5 TO 9	14.70	3.03	.30	.00	.00	.00	1.67	19.70
10- UP	5.76	2.42	.91	.30	.15	.00	.15	9.70
TOTAL	43.18	8.94	1.36	.30	.15	.00	6.67	60.61

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 21 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.42	2.58	.91	.30	.15	.15	5.61	22.12
5 TO 9	3.64	.30	.00	.00	.00	.00	.00	3.94
10- UP	.15	.00	.15	.00	.00	.00	.00	.30
TOTAL	16.21	2.88	1.06	.30	.15	.15	5.61	26.36

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.48	6.06	2.88	1.06	.30	.15	5.15	34.09
5 TO 9	10.91	2.27	3.33	.61	.00	.00	.61	17.73
10- UP	.45	.91	.00	.30	.00	.00	.00	1.67
TOTAL	29.85	9.24	6.21	1.97	.30	.15	5.76	53.48

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.55	1.67	.00	.00	.00	.00	1.67	12.88
5 TO 9	2.88	.45	.00	.00	.00	.00	.45	3.79
10- UP	.00	.30	.00	.00	.00	.00	.15	.45
TOTAL	12.42	2.42	.00	.00	.00	.00	2.27	17.12

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	26.21	3.18	.00	.00	.00	.00	5.91	35.30
5 TO 9	12.58	2.88	.45	.00	.00	.00	1.21	17.12
10- UP	5.91	3.18	.76	.30	.15	.00	.00	10.30
TOTAL	44.70	9.24	1.21	.30	.15	.00	7.12	62.73

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 11.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 22 NUMBER OBS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20T 24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.58	2.27	.76	.61	.00	.15	3.18	19.55
5 TO 9	3.03	.61	.15	.00	.00	.00	.30	4.09
10- UP	.00	.15	.15	.00	.00	.00	.00	.30
TOTAL	15.61	3.03	1.06	.61	.00	.15	3.48	23.94

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	21.97	5.91	2.42	.76	.30	.00	6.36	37.73
5 TO 9	10.45	2.27	2.42	.45	.00	.00	.30	15.91
10- UP	.30	2.27	.15	.76	.00	.15	.00	3.64
TOTAL	32.73	10.45	5.00	1.97	.30	.15	6.67	57.27

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.88	.91	.00	.00	.00	.00	.91	9.70
5 TO 9	1.52	.61	.00	.00	.00	.00	.30	2.42
10- UP	.15	.30	.00	.00	.00	.00	.15	.61
TOTAL	9.55	1.82	.00	.00	.00	.00	1.36	12.73

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	29.39	2.88	.15	.00	.00	.00	8.94	41.36
5 TO 9	12.12	2.42	.45	.00	.00	.00	1.52	16.52
10- UP	5.91	3.48	.61	.30	.15	.00	.15	10.61
TOTAL	47.42	8.79	1.21	.30	.15	.00	10.61	68.48

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF NOV.

HOUR 23 NUMBER OPS. 660

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.88	2.27	.15	.30	.15	.00	4.39	20.15
5 TO 9	2.27	.45	.30	.00	.00	.00	.45	3.48
10- UP	.00	.15	.00	.15	.00	.00	.00	.30
TOTAL	15.15	2.88	.45	.45	.15	.00	4.85	23.94

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	23.33	7.88	1.82	.76	.30	.15	4.70	38.94
5 TO 9	7.73	2.42	3.64	.61	.00	.00	.61	15.00
10- UP	.30	1.52	.00	.00	.00	.00	.00	1.82
TOTAL	31.36	11.82	5.45	1.36	.30	.15	5.30	55.76

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.33	.30	.00	.00	.00	.00	1.52	10.15
5 TO 9	1.36	.30	.15	.00	.00	.00	.30	2.12
10- UP	.00	.15	.00	.00	.00	.00	.00	.15
TOTAL	9.70	.76	.15	.00	.00	.00	1.82	12.42

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	27.12	2.27	.30	.00	.15	.00	9.85	39.70
5 TO 9	13.79	2.12	.15	.00	.00	.00	1.21	17.27
10- UP	6.21	1.97	1.36	.15	.00	.00	.45	10.15
TOTAL	47.12	6.36	1.82	.15	.15	.00	11.52	67.12

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 11.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF NOV.

*** RUNWAY 17 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	21.65	10.52	11.08	13.61	46.78
03-05	23.98	12.95	11.08	17.06	45.44
06-08	22.21	10.12	12.09	13.46	46.68
09-11	17.55	11.33	6.22	15.41	22.52
12-14	18.66	10.62	8.04	18.21	19.30
15-17	20.59	8.45	12.14	14.46	29.20
18-20	23.82	10.67	13.15	15.57	42.21
21-23	19.63	9.41	10.22	12.51	41.22
00-23	21.05	10.55	10.50	14.94	35.36

*** RUNWAY 35 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	27.17	10.62	12.54	22.15	24.10
03-05	22.41	9.61	12.80	17.72	28.75
06-08	21.50	10.52	10.98	16.88	29.13
09-11	14.14	7.03	9.10	10.68	26.03
12-14	14.72	7.79	6.93	11.35	22.10
15-17	17.86	11.03	6.83	17.46	18.65
18-20	19.73	11.08	8.65	20.94	18.37
21-23	22.41	11.28	11.13	25.31	20.07
00-23	19.74	9.87	9.87	17.13	27.30

11.4A

*** RUNWAY 22 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	10.02	5.11	4.91	5.78	42.36
03-05	13.15	7.18	5.97	8.37	41.99
06-08	14.57	8.35	6.22	10.02	37.27
09-11	16.74	10.62	6.12	14.21	24.25
12-14	15.83	8.45	7.38	13.95	18.72
15-17	12.09	3.34	8.75	5.05	25.78
18-20	12.34	5.26	7.08	6.65	33.82
21-23	10.07	4.10	5.97	4.77	42.29
00-23	13.10	6.55	6.55	8.40	29.74

*** RUNWAY 4 ***

HRS	PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	22.00	9.66	12.34	26.13	19.56
03-05	24.99	11.23	13.76	24.72	25.21
06-08	22.86	9.16	13.71	16.88	29.94
09-11	14.06	6.27	7.79	9.70	22.03
12-14	9.00	5.67	3.34	8.48	10.06
15-17	11.63	8.80	2.83	15.63	6.48
18-20	19.51	10.17	9.35	23.73	14.60
21-23	19.78	10.47	9.31	30.65	14.09
00-23	17.86	8.93	8.93	17.80	17.91

TABLE 11.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF NOV.

*** RUNWAY 17 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	12.11	1.37	.13	13.61
03-05	16.05	.87	.13	17.06
06-08	11.98	1.48	.00	13.46
09-11	12.78	2.68	.34	15.41
12-14	13.88	3.66	.78	18.21
15-17	11.77	2.34	.35	14.46
18-20	13.59	1.84	.07	15.50
21-23	11.30	1.14	.07	12.51
00-23	12.88	1.84	.22	14.94

*** RUNWAY 35 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	18.78	3.16	.21	22.15
03-05	15.77	1.46	.09	17.32
06-08	14.20	2.44	.24	16.88
09-11	9.07	1.46	.15	10.68
12-14	9.06	1.62	.66	11.35
15-17	14.45	2.15	.80	17.40
18-20	17.40	3.35	.19	20.94
21-23	22.25	2.95	.11	25.31
00-23	14.55	2.25	.33	17.13

****

*** RUNWAY 22 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	4.92	.86	.00	5.78
03-05	7.72	.59	.06	8.37
06-08	9.17	.85	.00	10.02
09-11	11.64	2.50	.07	14.21
12-14	11.03	2.59	.33	13.95
15-17	4.44	.54	.08	5.05
18-20	6.08	.58	.00	6.65
21-23	4.24	.53	.00	4.77
00-23	7.27	1.07	.06	8.40

*** RUNWAY 4 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	21.20	4.38	.55	26.13
03-05	21.71	3.01	.00	24.72
06-08	13.90	2.52	.47	16.88
09-11	7.67	1.41	.63	9.70
12-14	6.28	1.14	1.06	8.48
15-17	12.31	2.52	.81	15.63
18-20	19.72	3.90	.12	23.73
21-23	25.19	5.37	.30	30.85
00-23	14.54	2.72	.54	17.80

TABLE 11.5. EDWARDS AFB HEADWIND COMPONENT CUMULATIVE PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF NOV.

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 17 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 35 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	58.09	58.82	53.29	43.78	54.09	*	68.83	63.80	44.88	39.58	54.11
1- 2	67.36	66.37	60.29	53.63	62.51	*	79.87	71.33	54.83	54.59	64.94
2- 3	73.67	72.00	66.87	61.66	69.07	*	86.20	76.55	66.62	69.35	75.00
3- 4	80.39	78.17	71.63	67.79	75.08	*	91.88	85.17	75.53	80.45	83.18
4- 5	83.95	81.33	74.05	71.59	78.33	*	94.89	88.93	79.73	85.40	87.07
5- 6	87.11	84.01	76.99	74.87	81.33	*	97.24	91.93	86.07	89.78	91.13
6- 7	90.87	86.20	80.54	80.48	85.02	*	98.54	94.77	90.20	93.54	94.17
7- 8	93.69	89.16	83.04	83.25	87.79	*	99.11	96.54	92.63	95.29	95.82
8- 9	95.84	91.15	85.64	86.36	90.21	*	99.51	97.54	94.40	96.33	96.89
9-10	97.31	92.66	88.24	88.77	92.15	*	99.84	98.00	95.21	97.21	97.51
10-11	98.05	93.96	90.31	91.19	93.71	*	99.92	98.69	96.24	97.69	98.09
11-12	98.25	94.92	91.52	92.14	94.51	*	99.92	98.85	97.05	98.16	98.46
12-13	99.06	96.29	93.69	94.30	96.06	*	99.92	99.15	97.86	99.20	99.01
13-14	99.26	97.05	95.33	95.51	96.96	*	100.00	99.31	98.53	99.36	99.28
14-15	99.53	97.87	95.76	96.89	97.65	*	******	99.46	98.97	99.60	99.49
15-16	99.60	98.70	96.80	98.36	98.45	*	******	99.62	99.26	99.76	99.65
16-17	99.80	98.76	97.23	98.53	98.67	*	******	99.62	99.34	99.76	99.67
17-18	99.87	99.18	98.18	99.22	99.16	*	******	99.69	99.48	100.00	99.79
18-19	99.87	99.38	98.70	99.40	99.37	*	******	99.69	99.63	******	99.83
19-20	100.00	99.66	99.05	99.65	99.62	*	******	99.77	99.93	******	99.92
20-21	******	99.73	99.57	99.65	99.75	*	******	99.85	100.00	******	99.96
21-22	******	100.00	99.74	99.74	99.89	*	******	99.85	******	******	99.96
22-23	******	******	99.74	99.91	99.92	*	******	99.85	******	******	99.96
23-24	******	******	99.83	99.91	99.94	*	******	99.92	******	******	99.98
24-25	******	******	99.83	99.91	99.94	*	******	100.00	******	******	100.00
25-26	******	******	99.91	100.00	99.98	*	******	******	******	******	******
26-27	******	******	99.91	******	99.98	*	******	******	******	******	******
27-28	******	******	100.00	******	100.00	*	******	******	******	******	******
NOBS	1489	1457	1156	1158	5260	*	1232	1301	1357	1253	5143

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 11.5. (Concluded)

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF NOV.

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 22 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 4 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	50.42	56.18	48.25	36.59	48.26	*	74.72	65.26	45.19	44.65	57.04
1- 2	59.39	61.65	52.58	41.71	54.47	*	83.12	73.08	54.43	53.01	65.51
2- 3	66.97	66.85	56.00	45.61	59.65	*	88.25	79.66	65.48	62.08	73.58
3- 4	74.85	71.64	59.08	49.43	64.75	*	92.91	86.38	73.73	70.35	80.62
4- 5	78.00	73.67	60.83	53.02	67.41	*	94.78	89.91	78.50	75.74	84.55
5- 6	81.94	75.08	62.33	56.53	70.07	*	96.83	92.33	81.91	80.59	87.73
6- 7	84.55	76.84	64.50	60.20	72.61	*	97.95	93.82	84.63	84.64	90.07
7- 8	87.33	78.39	66.92	64.25	75.28	*	98.97	94.74	87.66	88.59	92.31
8- 9	89.03	81.09	69.92	68.98	78.23	*	99.07	95.54	89.48	90.75	93.54
9-10	91.15	83.52	72.58	72.73	80.92	*	99.44	96.48	91.75	93.17	95.07
10-11	92.55	85.48	76.09	75.32	83.17	*	99.53	96.64	92.96	94.88	95.86
11-12	93.88	87.64	79.92	80.83	86.24	*	99.72	97.18	94.67	96.41	96.86
12-13	95.15	89.06	82.17	83.42	88.07	*	99.81	98.12	95.53	97.12	97.55
13-14	96.61	91.56	85.00	87.85	90.78	*	100.00	98.67	96.74	98.20	98.33
14-15	97.45	92.64	87.08	90.99	92.48	*	******	98.83	97.35	99.10	98.75
15-16	98.18	94.67	89.83	92.90	94.26	*	******	99.37	98.26	99.37	99.21
16-17	98.48	95.61	91.00	94.50	95.21	*	******	99.37	98.71	99.37	99.33
17-18	99.09	96.56	94.25	96.56	96.81	*	******	99.45	99.32	99.64	99.58
18-19	99.64	97.37	96.08	97.63	97.82	*	******	99.53	99.47	99.73	99.67
19-20	99.76	98.72	97.75	98.78	98.63	*	******	99.53	99.70	100.00	99.79
20-21	99.88	99.05	98.50	99.31	99.24	*	******	99.53	99.77	******	99.81
21-22	99.94	99.59	99.00	99.54	99.56	*	******	99.61	99.85	******	99.85
22-23	100.00	99.73	99.42	99.54	99.70	*	******	99.84	99.92	******	99.94
23-24	******	99.93	99.92	99.69	99.89	*	******	99.84	99.92	******	99.94
24-25	******	99.93	100.00	99.77	99.93	*	******	99.84	100.00	******	99.96
25-26	******	100.00	******	99.85	99.96	*	******	99.84	******	******	99.96
26-27	******	******	******	99.92	99.98	*	******	99.84	******	******	99.96
27-28	******	******	******	100.00	100.00	*	******	99.84	******	******	99.96
28-29	******	******	******	******	******	*	******	99.84	******	******	99.96
29-30	******	******	******	******	******	*	******	99.84	******	******	99.96
30-31	******	******	******	******	******	*	******	99.84	******	******	99.96
31-32	******	******	******	******	******	*	******	99.84	******	******	99.96
32-33	******	******	******	******	******	*	******	99.84	******	******	99.96
33-34	******	******	******	******	******	*	******	99.84	******	******	99.96
34-35	******	******	******	******	******	*	******	99.84	******	******	99.96
35-36	******	******	******	******	******	*	******	99.92	******	******	99.98
36-37	******	******	******	******	******	*	******	99.92	******	******	99.98
37-38	******	******	******	******	******	*	******	100.00	******	******	100.00
NOBS	1650	1481	1200	1309	5640	*	1072	1278	1321	1113	4784

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 11.6. EDWARDS AFB BIVARIATE NORMAL STATISTICS (NOVEMBER, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 11/42 - 11/67
MONTH OF RECORD - 11,
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	1.01	.38	2.81	2.06	2.38	.4119	517
1	1.67	.03	5.22	3.00	8.06	.5152	558
2	.43	-1.18	7.19	5.59	16.07	.3997	552
3	2.85	-1.12	7.98	7.22	14.73	.2554	529
4	4.98	-1.44	8.67	8.54	20.36	.2688	508
5	6.88	-2.06	9.90	10.60	21.21	.2022	482
6	8.79	-2.55	11.28	12.51	31.36	.2225	469
7	11.07	-2.35	12.11	14.94	43.17	.2385	403
8	13.22	-2.57	13.40	16.84	49.22	.2180	395
9	15.03	-2.68	14.10	18.31	59.00	.2285	392
10	16.65	-2.65	14.85	18.66	78.04	.2616	389
11	18.44	-2.55	15.51	17.93	80.40	.2892	386
12	19.36	-1.88	15.19	16.70	64.72	.3340	386
13	19.55	-1.58	13.86	15.21	58.78	.2788	382
14	18.65	-1.28	12.28	13.28	51.94	.3187	376
15	16.48	-1.21	11.30	10.94	41.72	.3375	370
16	13.95	-1.52	9.46	8.96	24.64	.2906	357
17	11.19	-1.74	7.78	7.46	17.63	.3037	351
18	8.51	-1.48	7.10	5.96	11.38	.2689	344
19	5.69	-1.00	6.42	4.64	10.08	.3386	341
20	4.01	-1.25	5.90	4.09	7.04	.2916	333
21	3.07	-1.58	6.00	3.34	5.10	.2546	323
22	2.26	-1.67	6.37	3.21	2.70	.1317	314
23	2.45	-1.32	6.77	3.37	6.09	.2669	314
24	3.56	-1.27	7.94	3.47	6.81	.2472	297
25	4.78	-1.32	8.85	3.53	9.11	.2912	290
26	5.92	-1.18	9.77	3.82	12.40	.3323	284
27	5.31	-1.49	10.15	3.63	10.92	.2963	245

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

DECEMBER

PRECEDING PAGE BLANK NOT FILMED

TABLE 12.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF DEC.

RUNWAY 17 - 35

HRS	1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.	
	CROSSWIND ***** CRITICAL LIMITS IN KNOTS *****								
	PERCENTAGES								
00-02	40.88	11.37	5.54	2.30	.29	.15	39.46	2040	
03-05	37.30	10.59	5.05	2.25	.25	.05	44.51	2040	
06-08	33.77	8.04	5.05	2.45	.39	.00	50.29	2040	
09-11	23.87	6.14	6.81	3.82	1.37	.05	55.93	2040	12.1A
12-14	23.98	13.34	8.97	6.13	2.06	.29	45.22	2039	
15-17	22.30	16.86	11.72	5.44	1.47	.29	41.91	2040	
18-20	34.41	17.79	5.54	3.63	.54	.10	37.99	2040	
21-23	44.61	13.48	5.44	2.70	.39	.20	33.19	2040	
00-23	32.64	12.45	6.77	3.59	.85	.14	43.56	16319	

****

RUNWAY 22 - 4

HRS	1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.	
	CROSSWIND ***** CRITICAL LIMITS IN KNOTS *****								
	PERCENTAGES								
00-02	48.73	7.89	1.57	.74	.05	.05	40.98	2040	
03-05	44.26	6.62	1.57	.54	.05	.00	46.96	2040	
06-08	39.95	6.42	2.11	.64	.05	.00	50.83	2040	
09-11	33.04	8.53	2.65	1.03	.15	.00	54.61	2040	
12-14	36.19	11.03	4.32	1.86	.59	.10	45.90	2039	12.1B
15-17	39.31	11.27	5.05	1.67	.59	.05	42.06	2040	
18-20	44.71	11.67	2.50	.83	.15	.05	40.10	2040	
21-23	53.97	8.53	1.96	.78	.10	.20	34.46	2040	
00-23	42.52	9.09	2.71	1.01	.21	.06	44.49	16319	

****

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.	
	CROSSWIND ***** CRITICAL LIMITS IN KNOTS *****								
	PERCENTAGES								
00-02	43.58	5.20	1.52	.59	.05	.00	49.07	2040	
03-05	40.34	4.46	1.27	.44	.05	.00	53.43	2040	
06-08	34.46	4.22	1.91	.44	.05	.00	58.92	2040	
09-11	25.54	6.23	2.55	.64	.10	.00	64.95	2040	
12-14	29.28	9.12	3.83	1.77	.29	.00	55.71	2039	12.1C
15-17	31.08	10.29	5.15	1.18	.29	.05	51.96	2040	
18-20	40.78	8.33	2.40	.83	.05	.00	47.60	2040	
21-23	49.90	5.10	1.96	.74	.15	.00	42.16	2040	
00-23	36.87	6.62	2.57	.83	.13	.01	52.98	16319	

PRECEDING PAGE BLANK NOT FILMED

TABLE 12.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF DEC.

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	22.89	3.77	.64	2040	30.74	10.15	2.11
03-05	22.30	3.23	.49	2040	26.81	8.92	2.11
06-08	23.33	3.28	.83	2040	22.60	8.24	1.36
09-11	18.28	5.83	1.81	2040	20.59	7.40	3.77
12-14	26.04	8.34	3.53	2039	15.99	6.28	5.89
15-17	27.35	7.70	2.84	2040	20.05	7.99	4.26
18-20	26.08	5.49	.78	2040	26.62	8.73	3.68
21-23	25.98	4.85	.69	2040	32.21	9.80	2.11
00-23	24.03	5.32	1.45	16319	24.45	8.44	3.22

12.2A

HRS	RUNWAY 22 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	11.13	1.96	.78	2040	35.05	12.50	8.77
03-05	10.98	2.21	.44	2040	30.74	11.42	8.09
06-08	13.77	2.01	.74	2040	26.42	9.02	8.04
09-11	18.14	3.58	2.01	2040	15.25	7.50	11.18
12-14	23.00	6.82	4.17	2039	8.88	6.33	16.53
15-17	22.06	6.72	3.43	2040	11.52	10.54	15.69
18-20	15.20	4.66	.64	2040	25.34	14.75	10.64
21-23	12.30	3.04	.64	2040	36.62	14.46	8.53
00-23	15.82	3.87	1.61	16319	23.73	10.02	10.94

12.2B

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 12.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 0 NUMBER OBS. 690

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	15.15	1.76	.74	1.18	.15	.00	4.71	23.68	17.79	5.74	1.91	.59	.00	.15	3.82	30.00
5 TO 9	2.94	.59	.29	.00	.00	.00	.00	3.92	5.89	2.21	2.35	.44	.00	.00	.44	11.32
10- UP	.00	.29	.15	.00	.15	.00	.15	.74	.15	1.32	.44	.44	.00	.00	.00	2.35
TOTAL	18.09	2.65	1.18	1.18	.29	.00	4.85	28.24	23.82	9.26	4.71	1.47	.00	.15	4.26	43.68

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	8.38	1.47	.00	.15	.00	.00	1.18	11.18	26.91	1.47	.00	.15	.00	.15	6.76	35.44
5 TO 9	.74	.88	.00	.00	.00	.00	.59	2.21	10.59	1.32	.74	.00	.00	.00	.74	13.38
10- UP	.15	.00	.15	.15	.00	.00	.15	.59	4.56	2.50	1.03	.44	.00	.00	.44	8.97
TOTAL	9.26	2.35	.15	.29	.00	.00	1.91	13.97	42.06	5.29	1.76	.59	.00	.15	7.94	57.79

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 1 NUMBER OBS. 680

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	14.26	1.91	1.03	.74	.00	.00	4.41	22.35	18.09	5.15	1.62	.74	.15	.29	4.26	30.29
5 TO 9	2.21	.88	.15	.15	.00	.00	.59	3.97	3.68	3.09	1.76	.44	.00	.00	.29	9.26
10- UP	.15	.29	.15	.15	.00	.00	.00	.74	.29	1.03	.29	.29	.00	.00	.00	1.91
TOTAL	16.62	3.09	1.32	1.03	.00	.00	5.00	27.06	22.06	9.26	3.68	1.47	.15	.29	4.56	41.47

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	8.09	.59	.00	.00	.00	.00	1.18	9.85	25.29	1.62	.44	.15	.15	.00	7.50	35.15
5 TO 9	1.32	.29	.00	.00	.00	.00	.15	1.76	8.68	1.76	29	.15	.00	.00	1.47	12.35
10- UP	.74	.29	.00	.00	.00	.00	.15	1.18	4.41	2.21	.74	.59	.00	.00	.15	8.09
TOTAL	10.15	1.18	.00	.00	.00	.00	1.47	12.79	38.38	5.59	1.47	.88	.15	.00	9.12	55.59

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 12.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 2 NUMBER OBS. 680

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	14.26	1.03	.29	.74	.29	.00	6.03	22.65	19.56	3.97	3.24	.74	.15	.00	4.26	31.91
5 TO 9	2.50	.74	.29	.00	.00	.00	.00	3.53	5.00	2.79	1.76	.29	.00	.00	.00	9.85
10- UP	.29	.15	.00	.00	.00	.00	.00	.44	.44	1.32	.15	.15	.00	.00	.00	2.06
TOTAL	17.06	1.91	.59	.74	.29	.00	6.03	26.62	25.00	8.09	5.15	1.18	.15	.00	4.26	43.82

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	8.53	1.32	.00	.00	.00	.00	2.50	12.35	24.56	.88	.29	.00	.00	.00	8.82	34.56
5 TO 9	1.03	.74	.00	.00	.00	.00	.15	1.91	7.79	2.79	.29	.00	.00	.00	.88	11.76
10- UP	.00	.29	.00	.00	.00	.00	.29	.59	4.41	3.24	.74	.44	.00	.00	.44	9.26
TOTAL	9.56	2.35	.00	.00	.00	.00	2.94	14.85	36.76	6.91	1.32	.44	.00	.00	10.15	55.59

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 3 NUMBER OBS. 680

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	14.26	1.47	.88	.44	.29	.00	4.71	22.06	18.24	3.97	1.76	1.62	.00	.00	3.38	28.97
5 TO 9	1.76	.74	.00	.00	.00	.00	.15	2.65	4.26	1.24	.88	.88	.00	.00	.15	9.41
10- UP	.29	.29	.15	.00	.00	.00	.15	.88	.15	1.91	.29	.00	.00	.00	.00	2.35
TOTAL	16.32	2.50	1.03	.44	.29	.00	5.00	25.59	22.65	9.12	2.94	2.50	.00	.00	3.53	40.74

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								PERCENTAGES							
1 TO 4	8.09	.74	.00	.00	.00	.00	1.47	10.29	22.21	1.47	.15	.15	.00	.00	9.26	33.24
5 TO 9	.88	1.03	.00	.00	.00	.00	.59	2.50	8.24	1.76	.44	.00	.00	.00	1.18	11.62
10- UP	.15	.15	.00	.00	.00	.00	.00	.29	3.82	2.94	.59	.59	.00	.00	.44	8.38
TOTAL	9.12	1.91	.00	.00	.00	.00	2.06	13.09	34.26	6.18	1.18	.74	.00	.00	10.88	53.24

TABLE 12.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 4 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.68	1.47	1.47	.29	.00	.00	3.53	20.44
5 TO 9	2.35	.44	.15	.00	.15	.00	.44	3.53
10- UP	.44	.00	.15	.00	.00	.00	.00	.59
TOTAL	16.47	1.91	1.76	.29	.15	.00	3.97	24.56

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.06	4.85	1.32	1.18	.00	.15	3.24	27.79
5 TO 9	2.79	3.09	1.91	.44	.00	.00	.15	8.38
10- UP	.44	.74	.74	.15	.00	.00	.00	2.06
TOTAL	20.29	8.68	3.97	1.76	.00	.15	3.38	38.24

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.21	.88	.15	.00	.00	.00	1.76	10.00
5 TO 9	.88	.59	.00	.00	.00	.00	.44	1.91
10- UP	.15	.29	.15	.00	.00	.00	.00	.59
TOTAL	8.24	1.76	.29	.00	.00	.00	2.21	12.50

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	23.53	.88	.15	.15	.00	.00	6.47	31.18
5 TO 9	7.35	1.76	1.03	.00	.00	.00	1.18	11.32
10- UP	4.12	2.50	.44	.44	.00	.00	.29	7.79
TOTAL	35.00	5.15	1.62	.59	.00	.00	7.94	50.29

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 5 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.18	1.03	.44	.74	.00	.00	6.03	24.41
5 TO 9	1.76	1.03	.29	.00	.15	.00	.44	3.68
10- UP	.00	.00	.00	.00	.00	.00	.00	.00
TOTAL	17.94	2.06	.74	.74	.15	.00	6.47	28.09

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.38	4.56	2.21	.74	.00	.00	2.79	23.68
5 TO 9	4.56	2.06	2.35	.00	.00	.00	.00	8.97
10- UP	.44	.88	.15	.29	.15	.00	.00	1.91
TOTAL	18.38	7.50	4.71	1.03	.15	.00	2.79	34.56

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.59	.29	.15	.00	.00	.00	1.62	12.65
5 TO 9	1.32	.15	.00	.00	.00	.00	.74	2.21
10- UP	.15	.00	.00	.00	.00	.00	.29	.44
TOTAL	12.06	.44	.15	.00	.00	.00	2.65	15.29

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.88	.88	.29	.00	.00	.00	5.74	27.79
5 TO 9	8.68	1.32	.59	.00	.00	.00	.74	11.32
10- UP	4.56	2.21	.59	.29	.15	.00	.29	8.09
TOTAL	34.12	4.41	1.47	.29	.15	.00	6.75	47.21

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 12.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 6 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.88	1.47	1.03	.74	.15	.00	6.47	25.74
5 TO 9	1.18	.74	.00	.15	.15	.00	.29	2.50
10- UP	.29	.29	.00	.15	.00	.00	.00	.74
TOTAL	17.35	2.50	1.03	1.03	.29	.00	6.76	28.97

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.24	3.53	2.65	.88	.29	.00	2.65	23.24
5 TO 9	3.09	1.91	1.62	.29	.00	.00	.15	7.05
10- UP	.15	.88	.59	.00	.00	.00	.00	1.62
TOTAL	16.47	6.32	4.85	1.18	.29	.00	2.79	31.91

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.26	.59	.00	.15	.00	.00	2.50	12.50
5 TO 9	1.03	.74	.00	.00	.00	.00	.44	2.21
10- UP	.29	.15	.15	.00	.00	.00	.00	.59
TOTAL	10.59	1.47	.15	.15	.00	.00	2.94	15.29

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.74	.59	.00	.29	.00	.00	6.32	27.94
5 TO 9	6.03	1.32	.88	.00	.00	.00	1.03	9.26
10- UP	4.12	2.50	1.18	.15	.15	.00	.29	8.38
TOTAL	30.88	4.41	2.06	.44	.15	.00	7.65	45.59

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 7 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.59	1.03	.88	.44	.15	.00	6.47	24.56
5 TO 9	2.21	.59	.29	.29	.00	.00	.29	3.63
10- UP	.44	.44	.00	.15	.00	.00	.00	1.03
TOTAL	18.24	2.06	1.18	.88	.15	.00	6.76	29.26

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.12	2.94	1.47	1.18	.00	.00	3.97	23.68
5 TO 9	4.56	1.91	1.76	.29	.15	.00	.29	8.97
10- UP	.15	1.18	.15	.15	.00	.00	.00	1.62
TOTAL	18.82	6.03	3.38	1.62	.15	.00	4.26	34.26

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.29	1.03	.00	.00	.00	.00	2.35	13.68
5 TO 9	1.18	.74	.00	.00	.00	.00	.29	2.21
10- UP	.29	.29	.00	.00	.00	.00	.15	.74
TOTAL	11.76	2.06	.00	.00	.00	.00	2.79	16.62

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	22.35	1.18	.44	.15	.00	.00	5.74	29.85
5 TO 9	6.03	.88	.74	.29	.00	.00	.00	8.32
10- UP	3.97	2.79	.74	.29	.00	.00	.15	7.94
TOTAL	32.35	4.85	1.91	.74	.00	.00	5.73	46.62

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 12.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 8 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.59	.74	1.32	.29	.15	.00	6.62	19.71
5 TO 9	2.35	.88	.15	.15	.00	.00	.15	3.68
10- UP	.29	.29	.15	.00	.00	.00	.00	.74
TOTAL	13.24	1.91	1.62	.44	.15	.00	6.76	24.12

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.82	1.47	1.18	1.03	.00	.00	3.38	20.88
5 TO 9	3.53	2.35	1.62	1.03	.15	.00	.00	8.68
10- UP	.29	1.47	.29	.15	.00	.00	.15	2.35
TOTAL	17.65	5.29	3.09	2.21	.15	.00	3.53	31.91

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.47	.59	.00	.00	.00	.00	3.09	15.15
5 TO 9	1.03	.15	.00	.00	.00	.00	.44	1.62
10- UP	.29	.29	.00	.15	.00	.00	.15	.88
TOTAL	12.79	1.03	.00	.15	.00	.00	3.68	17.65

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.79	1.03	.44	.15	.00	.00	7.06	21.47
5 TO 9	4.56	1.76	.88	.15	.00	.00	1.62	8.97
10- UP	4.12	2.65	.88	.15	.00	.00	.00	7.79
TOTAL	21.47	5.44	2.21	.44	.00	.00	8.68	38.24

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 9 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.91	1.03	1.03	.74	.88	.00	8.53	19.12
5 TO 9	2.79	.29	.29	.29	.00	.00	.29	3.97
10- UP	.29	.44	.00	.00	.00	.00	.15	.88
TOTAL	10.00	1.76	1.32	1.03	.88	.00	8.97	23.97

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.03	2.21	1.91	.44	.29	.00	4.71	20.59
5 TO 9	2.65	1.76	1.91	.29	.00	.00	.29	6.91
10- UP	.29	1.47	.59	.88	.15	.00	.00	3.38
TOTAL	13.97	5.44	4.41	1.62	.44	.00	5.00	30.88

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.65	.74	.00	.00	.00	.00	3.53	16.91
5 TO 9	1.47	.44	.00	.00	.00	.00	.44	2.35
10- UP	.29	.44	.00	.00	.15	.00	.29	1.18
TOTAL	14.41	1.62	.00	.00	.15	.00	4.26	20.44

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.29	.88	.15	.00	.00	.00	5.29	16.62
5 TO 9	5.00	1.18	.74	.15	.00	.00	.74	7.79
10- UP	4.71	2.50	1.18	1.03	.00	.00	.44	9.85
TOTAL	20.00	4.56	2.06	1.18	.00	.00	6.47	34.26

TABLE 12.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 10 NUMBER OBS. 680

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	6.18	1.13	.88	.86	.15	.00	6.47	15.74	*	10.15	2.65	1.03	1.32	.59	.00	5.88	21.62
5 TO 9	4.26	1.03	.88	.00	.15	.00	.59	6.91	*	3.09	1.18	2.21	.74	.29	.00	.29	7.79
10- UP	.59	.74	.29	.15	.00	.00	.00	1.76	*	.15	1.76	.88	.59	.15	.00	.00	3.53
TOTAL	11.03	2.94	2.06	1.03	.29	.00	7.06	24.41	*	13.38	5.59	4.12	2.65	1.03	.00	6.18	32.94

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	12.50	1.18	.15	.29	.00	.00	3.82	17.94	*	8.09	1.03	.59	.00	.00	.00	5.74	15.44
5 TO 9	2.21	1.18	.15	.00	.00	.00	.29	3.82	*	4.54	1.03	.59	.00	.00	.00	1.03	7.21
10- UP	.15	.44	.15	.15	.00	.00	1.03	1.91	*	4.26	3.53	1.76	.44	.15	.00	.88	11.03
TOTAL	14.85	2.79	.44	.44	.00	.00	5.15	23.68	*	16.91	5.59	2.94	.44	.15	.00	7.65	33.68

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 11 NUMBER OBS. 680

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	8.24	1.47	1.18	.88	.29	.00	7.94	20.00	*	8.53	2.21	1.47	1.76	.74	.00	4.85	19.56
5 TO 9	3.97	.88	1.32	.00	.00	.00	.44	6.62	*	1.76	1.47	2.50	1.47	.00	.00	.29	7.50
10- UP	.44	1.03	1.18	.00	.15	.00	.00	2.79	*	.29	1.62	1.03	1.03	.29	.15	.00	4.41
TOTAL	12.65	3.38	3.68	.88	.44	.00	8.38	29.41	*	10.59	5.29	5.00	4.26	1.03	.15	5.15	31.47

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	13.09	1.03	.00	.15	.00	.00	5.29	19.56	*	8.38	.74	.29	.59	.00	.00	3.68	13.68
5 TO 9	2.21	1.47	.00	.00	.00	.00	.88	4.56	*	2.65	2.79	.74	.00	.15	.00	1.13	7.50
10- UP	.59	.88	.00	.00	.00	.00	1.47	2.94	*	6.03	4.12	1.47	.29	.00	.00	.74	12.65
TOTAL	15.08	3.38	.00	.15	.00	.00	7.65	27.06	*	17.06	7.65	2.50	.88	.15	.00	5.59	33.82

TABLE 12.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 12 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20T 24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.44	2.35	1.18	1.18	.00	.29	7.06	22.50
5 TO 9	5.44	1.62	.59	.29	.00	.15	.15	8.24
10- UP	.44	1.62	.59	.44	.00	.00	.00	3.09
TOTAL	16.32	5.59	2.35	1.91	.00	.44	7.21	33.82

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.47	2.35	1.62	1.47	1.03	.00	3.24	16.18
5 TO 9	.88	2.06	2.21	.88	.00	.00	.00	6.03
10- UP	.59	1.91	1.76	1.03	.29	.15	.00	5.74
TOTAL	7.94	6.32	5.59	3.38	1.32	.15	3.24	27.94

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.44	1.18	.15	.00	.00	.00	4.56	21.32
5 TO 9	3.82	1.18	.00	.00	.00	.00	.59	5.59
10- UP	1.03	1.18	.44	.00	.00	.00	1.03	3.68
TOTAL	20.29	3.53	.59	.00	.00	.00	6.18	30.59

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.03	1.18	.44	.44	.00	.00	2.21	10.29
5 TO 9	2.35	1.47	.88	.15	.00	.00	.59	5.44
10- UP	5.00	5.29	2.65	.44	.44	.00	1.32	15.15
TOTAL	13.38	7.94	3.97	1.03	.44	.00	4.12	30.88

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 13 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.76	2.79	1.18	1.76	1.03	.00	8.82	27.35
5 TO 9	5.15	2.79	.74	.44	.15	.00	.15	9.41
10- UP	.29	1.76	.74	.44	.00	.00	.00	3.24
TOTAL	17.21	7.35	2.65	2.65	1.18	.00	8.97	40.00

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.29	3.53	2.65	1.18	.74	.00	2.50	15.88
5 TO 9	1.32	1.76	1.47	.88	.00	.00	.15	5.59
10- UP	.29	2.35	1.18	1.03	.88	.00	.00	5.76
TOTAL	6.91	7.65	5.29	3.09	1.62	.00	2.65	27.21

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.62	1.62	.59	.00	.15	.00	5.00	23.97
5 TO 9	3.97	1.18	.00	.00	.00	.00	1.76	6.91
10- UP	1.32	.74	.15	.00	.15	.00	2.06	4.41
TOTAL	21.91	3.53	.74	.00	.29	.00	8.82	35.29

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.59	.74	.15	.29	.15	.00	1.76	8.68
5 TO 9	3.82	2.21	.74	.29	.00	.00	.29	7.35
10- UP	5.44	4.85	2.06	1.91	.15	.00	1.32	15.74
TOTAL	14.85	7.79	2.94	2.50	.29	.00	3.38	31.76

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 12.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 14 NUMBER OBS. 679

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	11.49	3.24	1.47	3.24	.59	.15	8.10	28.28
5 TO 9	3.83	2.06	.88	.29	.15	.00	.15	7.36
10- UP	.44	1.91	1.33	.44	.15	.00	.00	4.27
TOTAL	15.76	7.22	3.68	3.98	.88	.15	8.25	39.91

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	6.48	2.50	2.65	1.03	.59	.00	2.65	15.91
5 TO 9	1.47	1.62	2.95	.88	.00	.15	.15	7.22
10- UP	.44	1.91	1.77	1.47	.59	.00	.00	6.19
TOTAL	8.39	6.04	7.36	3.79	1.18	.15	2.80	29.31

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	17.82	.44	.29	.29	.15	.15	4.57	23.71
5 TO 9	4.27	1.18	.29	.00	.00	.00	2.21	7.95
10- UP	1.18	1.33	.00	.00	.00	.00	1.91	4.42
TOTAL	23.27	2.95	.59	.29	.15	.15	8.69	36.08

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	5.01	.74	.15	.15	.44	.00	1.19	7.66
5 TO 9	3.39	1.47	.88	.00	.00	.15	.44	6.33
10- UP	6.48	5.15	3.09	1.62	.15	.00	2.36	18.65
TOTAL	14.87	7.36	4.12	1.77	.59	.15	3.98	32.84

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 15 NUMBER OBS. 680

RUNWAY 17 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	9.56	3.82	1.76	2.21	.88	.00	9.26	27.50
5 TO 9	3.24	3.68	1.47	.44	.15	.15	.15	9.26
10- UP	.00	1.62	1.32	.59	.15	.00	.15	3.82
TOTAL	12.79	9.12	4.56	3.24	1.18	.15	9.56	40.59

RUNWAY 35 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	7.94	2.50	2.06	2.79	1.03	.00	2.21	18.53
5 TO 9	2.06	1.03	3.53	1.03	.15	.00	.29	8.09
10- UP	.29	2.35	1.03	.59	.15	.00	.00	4.41
TOTAL	10.29	5.88	6.62	4.41	1.32	.00	2.50	31.03

RUNWAY 22 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	17.35	1.03	.29	.15	.29	.00	4.12	23.24
5 TO 9	4.12	.83	.29	.00	.00	.00	2.94	8.24
10- UP	1.47	1.03	.15	.00	.00	.00	2.06	4.71
TOTAL	22.94	2.94	.74	.15	.29	.00	9.12	36.18

RUNWAY 4 — PERCENTAGES

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
1 TO 4	5.74	.88	.88	.59	.15	.00	2.06	10.29
5 TO 9	3.82	1.18	1.03	.29	.29	.00	.44	7.06
10- UP	6.03	5.44	3.38	1.18	.29	.00	1.47	17.79
TOTAL	15.59	7.50	5.29	2.06	.74	.00	3.97	35.13

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 12.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 16 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.53	5.29	2.06	.88	.29	.00	9.12	26.18
5 TO 9	3.24	2.79	1.62	.15	.00	.15	.00	7.94
10- UP	.44	1.62	.29	.29	.15	.15	.00	2.94
TOTAL	12.21	9.71	3.97	1.32	.44	.29	9.12	37.06

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.79	3.78	3.38	2.06	.74	.00	3.53	20.88
5 TO 9	.88	2.65	3.53	.74	.00	.00	.00	7.79
10- UP	.15	2.50	1.76	.59	.00	.00	.00	5.00
TOTAL	8.82	8.53	8.68	3.38	.74	.00	3.53	33.68

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.94	1.47	.44	.00	.00	.00	6.32	21.18
5 TO 9	4.41	.88	.00	.00	.00	.00	1.91	7.21
10- UP	1.32	.59	.00	.00	.15	.00	1.91	3.97
TOTAL	18.68	2.94	.44	.00	.15	.00	10.15	32.35

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.06	1.32	.44	.44	.00	.00	2.06	11.32
5 TO 9	3.53	4.56	1.03	.59	.00	.15	.44	10.29
10- UP	7.35	4.56	1.76	.74	.15	.00	1.91	16.47
TOTAL	17.94	10.44	3.24	1.76	.15	.15	4.41	38.09

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 17 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.21	3.68	2.79	1.03	.29	.15	8.24	28.38
5 TO 9	2.35	1.62	1.18	.59	.00	.15	.00	5.88
10- UP	.29	.74	.59	.15	.00	.00	.00	1.76
TOTAL	14.85	6.03	4.56	1.76	.29	.29	8.24	36.03

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.32	5.88	4.56	1.03	.44	.00	2.50	20.74
5 TO 9	2.06	3.24	1.91	.74	.00	.00	.15	8.09
10- UP	.00	2.35	.44	.44	.00	.15	.00	3.38
TOTAL	8.38	11.47	6.91	2.21	.44	.15	2.65	32.21

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.18	.88	.44	.00	.15	.00	4.12	21.76
5 TO 9	3.09	.59	.15	.00	.00	.00	.88	4.71
10- UP	.88	.00	.00	.00	.00	.00	.74	1.62
TOTAL	20.15	1.47	.59	.00	.15	.00	5.74	28.09

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.12	1.32	.88	.29	.00	.00	1.32	12.94
5 TO 9	7.65	2.94	2.50	.15	.00	.00	1.03	14.26
10- UP	5.88	4.26	1.47	.59	.29	.00	.29	12.79
TOTAL	22.65	8.53	4.85	1.03	.29	.00	2.65	40.00

TABLE 12.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 13 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.76	3.97	1.32	.88	.15	.00	4.41	27.50
5 TO 9	3.09	2.06	.15	.88	.00	.00	.15	6.72
10- UP	.15	.15	.29	.15	.00	.00	.00	.74
TOTAL	20.00	6.18	1.76	1.91	.15	.00	4.56	34.56

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.44	9.12	1.62	1.91	.15	.00	3.53	26.75
5 TO 9	2.50	2.50	.88	1.03	.00	.00	.00	6.91
10- UP	.15	3.09	.44	.29	.15	.15	.00	4.26
TOTAL	13.09	14.71	2.94	3.24	.29	.15	3.53	37.94

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.74	1.47	.00	.00	.00	.00	3.38	15.59
5 TO 9	2.65	.44	.15	.15	.00	.00	1.62	5.00
10- UP	.15	.29	.00	.00	.00	.00	.59	1.03
TOTAL	13.53	2.21	.15	.15	.00	.00	5.59	21.62

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.62	2.79	.15	.15	.00	.00	5.00	24.71
5 TO 9	9.26	2.65	.88	.74	.00	.00	1.32	14.85
10- UP	4.85	4.12	1.62	.15	.00	.00	.29	11.03
TOTAL	30.74	9.56	2.65	1.03	.00	.00	6.62	50.59

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 19 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.12	3.97	1.18	.44	.44	.00	4.26	24.41
5 TO 9	3.09	1.18	.15	.00	.00	.00	.29	4.71
10- UP	.15	.15	.29	.44	.00	.00	.00	1.03
TOTAL	17.35	5.29	1.62	.88	.44	.00	4.56	30.15

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.06	7.21	3.09	1.32	.00	.00	2.65	26.32
5 TO 9	3.68	2.65	1.62	.29	.00	.00	.29	8.53
10- UP	.59	2.65	.44	.29	.00	.00	.00	3.97
TOTAL	16.32	12.50	5.15	1.91	.00	.00	2.94	38.82

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.15	1.47	.00	.00	.00	.00	3.09	14.71
5 TO 9	2.35	.74	.15	.00	.00	.15	1.62	5.00
10- UP	.15	.00	.15	.00	.00	.00	.15	.44
TOTAL	12.65	2.21	.29	.00	.00	.15	4.85	20.15

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.44	2.50	.15	.29	.00	.00	5.15	23.53
5 TO 9	8.53	3.09	1.18	.00	.15	.00	1.76	14.71
10- UP	5.00	4.12	.59	.44	.00	.00	.29	10.44
TOTAL	28.97	9.71	1.91	.74	.15	.00	7.21	48.68

TABLE 12.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 20 NUMBER OBS. 690

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.59	2.35	.74	.29	.29	.15	6.91	26.32
5 TO 9	3.68	.74	.15	.00	.15	.00	.74	5.44
10- UP	.15	.15	.00	.29	.00	.00	.00	.59
TOTAL	19.41	3.24	.88	.59	.44	.15	7.65	32.35

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.47	7.35	2.21	1.76	.29	.00	3.68	26.76
5 TO 9	5.29	2.65	1.76	.44	.00	.00	.59	10.74
10- UP	.59	1.62	.29	.15	.00	.00	.15	2.79
TOTAL	17.35	11.62	4.26	2.35	.29	.00	4.41	40.29

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.18	1.47	.15	.00	.00	.00	2.50	15.29
5 TO 9	2.21	1.03	.00	.00	.00	.00	.74	3.97
10- UP	.00	.15	.15	.00	.00	.00	.15	.44
TOTAL	13.38	2.65	.29	.00	.00	.00	3.38	19.71

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.74	2.06	.15	.15	.15	.00	4.56	27.79
5 TO 9	10.44	2.79	.15	.00	.00	.00	1.32	14.71
10- UP	3.68	3.82	1.91	.44	.15	.00	.44	10.44
TOTAL	34.85	8.68	2.21	.59	.29	.00	6.32	52.94

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 21 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.79	1.91	1.03	.74	.15	.00	5.00	26.62
5 TO 9	4.71	.59	.44	.00	.00	.00	.15	5.88
10- UP	.00	.29	.15	.15	.00	.00	.15	.74
TOTAL	22.50	2.79	1.62	.88	.15	.00	5.29	33.24

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.26	8.09	3.09	1.03	.00	.15	3.53	30.15
5 TO 9	5.88	1.76	1.76	.59	.00	.00	.44	10.44
10- UP	.29	.88	.15	.29	.00	.00	.00	1.62
TOTAL	20.44	10.74	5.00	1.91	.00	.15	3.97	42.21

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.00	1.76	.00	.00	.00	.00	1.91	13.68
5 TO 9	1.62	1.18	.00	.00	.00	.15	.29	3.24
10- UP	.29	.15	.00	.00	.00	.00	.15	.59
TOTAL	11.91	3.09	.00	.00	.00	.15	2.35	17.50

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	26.18	1.18	.29	.15	.00	.00	5.00	32.79
5 TO 9	12.21	2.50	.44	.15	.00	.00	1.03	16.32
10- UP	4.85	2.65	1.03	.29	.00	.00	.00	8.82
TOTAL	43.24	6.32	1.76	.59	.00	.00	6.03	57.94

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 12.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 22 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	17.50	2.21	1.03	.74	.29	.00	4.85	26.62
5 TO 9	2.65	1.18	.15	.15	.00	.15	.15	4.41
10- UP	.15	.00	.15	.15	.00	.00	.00	.44
TOTAL	20.29	3.38	1.32	1.03	.29	.15	5.00	31.47

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.24	8.09	2.21	.59	.00	.15	3.97	33.24
5 TO 9	4.71	1.91	1.47	1.03	.00	.00	.44	9.56
10- UP	.59	1.32	.15	.29	.00	.00	.00	2.35
TOTAL	23.53	11.32	3.82	1.91	.00	.15	4.41	45.15

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.85	.74	.00	.00	.00	.00	1.03	11.62
5 TO 9	1.76	.44	.00	.00	.00	.00	.74	2.94
10- UP	.15	.00	.29	.00	.00	.00	.15	.59
TOTAL	11.76	1.18	.29	.00	.00	.00	1.91	15.15

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	28.09	3.09	.00	.00	.00	.15	7.21	38.53
5 TO 9	10.29	1.47	1.03	.15	.00	.00	.88	13.82
10- UP	5.15	2.21	.74	.59	.15	.00	.29	9.12
TOTAL	43.53	6.76	1.76	.74	.15	.15	8.38	61.47

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF DEC.

HOUR 23 NUMBER OBS. 680

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	13.09	2.06	.59	.88	.15	.00	2.94	24.71
5 TO 9	3.09	.44	.15	.00	.15	.00	.44	4.26
10- UP	.00	.00	.29	.29	.15	.00	.15	.88
TOTAL	21.18	2.50	1.03	1.18	.44	.00	3.53	29.85

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.44	5.44	1.91	.74	.44	.15	4.12	33.24
5 TO 9	5.15	2.50	1.32	.44	.00	.00	.00	9.41
10- UP	.29	1.76	.29	.00	.00	.00	.00	2.35
TOTAL	25.88	9.71	3.53	1.18	.44	.15	4.12	45.00

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.71	.59	.00	.00	.00	.00	1.32	11.62
5 TO 9	1.62	.74	.29	.00	.00	.15	.15	2.94
10- UP	.15	.15	.29	.00	.00	.00	.15	.74
TOTAL	11.47	1.47	.59	.00	.00	.15	1.62	15.29

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	28.82	1.47	.15	.29	.00	.15	7.65	38.53
5 TO 9	8.09	2.50	.59	.15	.00	.00	1.91	13.24
10- UP	3.09	2.79	.74	.59	.15	.00	.29	7.65
TOTAL	40.00	6.76	1.47	1.03	.15	.15	9.85	59.41

TABLE 12.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF DEC.

HRS	*** RUNWAY 17 *** PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD	*** RUNWAY 35 *** PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	24.45	11.78	12.67	16.21	46.40	22.68	10.85	11.83	19.05	27.48
03-05	25.48	13.30	12.17	18.01	46.62	19.73	8.39	11.34	13.52	29.92
06-08	23.22	10.75	12.47	14.83	45.36	20.27	9.97	10.31	14.82	31.48
09-11	16.89	10.11	6.77	13.65	26.14	16.30	7.66	8.64	11.23	27.16
12-14	16.49	9.38	7.12	15.11	16.76	13.89	7.46	6.43	10.40	22.78
15-17	18.80	8.39	10.41	13.53	27.43	16.64	9.47	7.17	14.01	22.15
18-20	26.07	12.81	13.25	18.93	41.07	19.49	10.46	9.03	17.16	23.12
21-23	24.84	11.59	13.25	16.92	42.06	27.42	11.93	11.49	21.37	26.00
00-23	22.03	11.01	11.01	15.92	35.74	19.05	9.52	9.53	14.92	26.35

12.4A

HRS	*** RUNWAY 22 *** PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD	*** RUNWAY 4 *** PERCENTAGE REVERSALS TOTAL	PERCENTAGE REVERSALS HEAD-TAIL	PERCENTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCENTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCENTAGE REVERSALS TO HEAD
00-02	11.19	5.45	5.74	6.32	41.49	24.30	11.39	12.91	26.13	22.89
03-05	13.30	7.02	6.28	8.13	46.04	25.14	11.29	13.84	22.73	27.51
06-08	14.53	8.10	6.43	9.71	38.87	22.63	9.43	13.21	16.70	30.33
09-11	15.61	9.52	6.09	12.48	25.67	13.01	5.94	7.07	9.00	20.81
12-14	13.94	7.90	6.04	11.98	17.75	9.28	5.35	3.93	7.86	12.31
15-17	14.87	5.01	9.87	7.39	30.59	12.81	8.98	3.83	14.44	10.13
18-20	14.92	6.77	8.15	8.52	39.71	20.03	11.24	8.79	22.81	17.33
21-23	12.76	5.79	6.97	6.90	43.56	23.66	11.78	11.88	29.20	19.92
00-23	13.89	6.95	6.95	8.83	32.58	18.86	9.43	9.43	17.31	20.71

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 12.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF DEC.

*** RUNWAY 17 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	14.85	1.28	.07	16.21
03-05	16.08	1.79	.13	18.01
06-08	12.93	1.76	.14	14.83
09-11	11.00	2.05	.60	13.65
12-14	12.74	2.14	.24	15.11
15-17	11.55	1.66	.32	13.53
18-20	16.10	2.54	.21	18.93
21-23	14.91	1.65	.36	16.92
00-23	13.80	1.85	.27	15.92

*** RUNWAY 35 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

	>0 - 3	4 - 8	> 8	TOTAL
00-02	16.90	1.72	.43	19.05
03-05	12.02	1.50	.00	13.52
06-08	12.41	2.19	.22	14.82
09-11	9.72	1.22	.29	11.23
12-14	8.21	1.92	.27	10.40
15-17	11.68	1.96	.36	14.01
18-20	13.38	3.46	.32	17.16
21-23	18.12	2.99	.26	21.37
00-23	12.56	2.10	.27	14.92

12.43

*** RUNWAY 22 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

HRS	>0 - 3	4 - 8	> 8	TOTAL
00-02	5.75	.57	.00	6.32
03-05	7.16	.97	.00	8.13
06-08	8.71	1.00	.00	9.71
09-11	10.94	1.35	.19	12.48
12-14	10.86	.97	.15	11.98
15-17	6.74	.56	.07	7.39
18-20	7.41	1.11	.00	8.52
21-23	5.90	.99	.00	6.90
00-23	7.84	.94	.05	8.83

*** RUNWAY 4 ***

GIVEN A HEADWIND
RESULTANT TAILWIND MAGNITUDE

	>0 - 3	4 - 8	> 8	TOTAL
00-02	22.52	3.15	.45	26.13
03-05	20.26	1.99	.49	22.73
06-08	14.52	1.91	.26	16.70
09-11	7.06	1.71	.22	9.00
12-14	5.34	2.02	.50	7.86
15-17	11.68	2.29	.47	14.44
18-20	19.12	3.39	.30	22.81
21-23	23.48	5.23	.49	29.20
00-23	14.35	2.56	.39	17.31

TABLE 12.5. EDWARDS AFB HEADWIND COMPONENT CUMULATIVE PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF DEC.

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 17 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 35 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	62.97	61.68	59.72	54.54	59.94	*	67.88	66.09	52.35	48.30	58.56
1- 2	68.92	69.03	65.48	63.54	66.93	*	77.64	73.28	61.16	58.36	67.51
2- 3	76.15	75.05	71.41	71.11	73.61	*	85.14	79.45	69.35	70.17	75.92
3- 4	82.97	81.87	77.25	76.87	79.96	*	90.68	85.27	79.25	79.51	83.60
4- 5	86.15	84.91	80.41	80.27	83.19	*	93.88	88.79	83.48	84.50	87.60
5- 6	89.46	87.36	82.62	83.27	85.90	*	95.99	91.95	87.92	89.28	91.23
6- 7	92.84	90.34	84.99	85.64	88.70	*	97.23	94.11	89.76	91.09	93.00
7- 8	94.68	91.73	87.44	87.85	90.64	*	98.03	95.11	91.95	92.90	94.46
8- 9	96.01	93.38	89.18	91.32	92.65	*	98.47	96.26	94.06	94.71	95.85
9-10	97.43	94.90	90.52	93.13	94.17	*	98.76	97.34	95.15	95.80	96.74
10-11	98.31	96.29	92.34	93.92	95.38	*	98.98	98.28	96.18	97.18	97.63
11-12	98.58	97.02	93.36	94.87	96.11	*	99.20	98.56	96.93	97.83	98.11
12-13	99.05	98.01	95.10	96.45	97.27	*	99.56	98.92	98.02	99.13	98.90
13-14	99.46	98.41	95.50	97.24	97.76	*	99.71	99.21	98.57	99.20	99.16
14-15	99.53	98.48	96.45	97.79	98.14	*	99.78	99.35	99.11	99.35	99.39
15-16	99.66	98.74	97.16	98.58	98.59	*	99.93	99.64	99.32	99.64	99.63
16-17	99.73	98.94	97.47	99.05	98.84	*	99.93	99.71	99.39	99.64	99.66
17-18	99.86	99.47	98.10	99.37	99.24	*	99.93	99.71	99.45	99.71	99.70
18-19	99.86	99.60	98.50	99.45	99.38	*	99.93	99.71	99.45	99.79	99.71
19-20	99.93	99.67	99.13	99.84	99.66	*	99.93	99.71	99.66	99.93	99.80
20-21	99.93	99.74	99.29	99.92	99.73	*	99.93	99.71	99.66	99.93	99.80
21-22	99.93	99.93	99.61	99.92	99.86	*	99.93	99.71	99.73	99.93	99.82
22-23	100.00	99.93	99.92	100.00	99.96	*	99.93	99.79	99.80	99.93	99.86
23-24	******	100.00	99.92	******	99.98	*	100.00	99.78	99.80	100.00	99.89
24-25	******	******	99.92	******	99.98	*	******	99.86	100.00	******	99.96
25-26	******	******	100.00	******	100.00	*	******	99.93	******	******	99.98
26-27	******	******	******	******	******	*	******	99.93	******	******	99.98
27-28	******	******	******	******	******	*	******	100.00	******	******	100.00
NOBS	1480	1511	1266	1267	5524	*	1373	1392	1465	1381	5611

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 12.5. (Concluded)

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF DEC.

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 22 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 4 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	54.90	57.90	53.94	46.71	53.57	*	74.59	67.95	52.08	52.44	61.56
1- 2	62.30	63.50	57.73	51.36	59.05	*	81.35	76.63	61.37	61.57	69.87
2- 3	68.82	68.32	63.77	54.66	63.61	*	86.93	82.72	68.92	70.63	76.96
3- 4	76.28	72.24	63.74	58.42	68.29	*	92.45	88.50	78.42	78.90	84.31
4- 5	79.57	75.51	65.23	61.32	71.08	*	95.14	91.54	83.08	83.70	88.35
5- 6	81.44	77.89	67.61	63.70	73.60	*	96.44	93.03	86.76	86.77	90.56
6- 7	84.67	79.63	69.32	65.87	75.57	*	97.22	94.51	89.06	89.69	92.46
7- 8	86.61	81.68	71.25	69.92	78.07	*	97.75	95.40	90.72	91.73	93.76
8- 9	88.55	83.87	73.25	73.10	80.33	*	98.27	96.44	92.09	93.07	94.85
9-10	90.37	85.35	74.89	76.86	82.46	*	98.70	96.46	93.88	94.69	95.91
10-11	91.90	86.83	76.89	79.46	84.34	*	98.96	97.40	94.89	95.20	96.53
11-12	94.19	88.11	80.31	81.85	86.64	*	99.39	97.70	95.83	96.22	97.21
12-13	95.18	89.46	83.51	84.60	88.63	*	99.65	97.92	96.55	96.93	97.69
13-14	96.48	91.00	85.96	88.72	90.90	*	99.83	98.37	97.77	98.27	98.51
14-15	97.30	92.93	87.44	90.74	92.43	*	99.91	98.89	98.27	98.82	98.93
15-16	98.00	94.41	90.04	93.85	94.32	*	99.91	99.11	98.92	98.98	99.21
16-17	98.59	95.24	91.75	95.16	95.39	*	99.91	99.26	99.06	99.13	99.32
17-18	99.30	96.34	93.98	96.39	96.66	*	99.91	99.63	99.35	99.45	99.57
18-19	99.65	97.30	95.10	97.83	97.60	*	100.00	99.70	99.50	99.61	99.69
19-20	99.77	98.20	96.73	98.41	98.36	*	******	99.78	99.78	99.92	99.86
20-21	99.82	98.84	97.10	98.55	98.68	*	******	99.93	99.86	99.92	99.92
21-22	99.88	99.16	97.92	99.20	99.10	*	******	99.93	99.86	99.92	99.92
22-23	99.88	99.29	98.14	99.64	99.28	*	******	99.93	100.00	99.92	99.96
23-24	99.94	99.68	98.66	99.71	99.53	*	******	99.93	******	99.92	99.96
24-25	100.00	99.81	99.03	99.86	99.77	*	******	99.93	******	99.92	99.96
25-26	******	99.87	99.63	99.93	99.87	*	******	99.97	******	99.92	99.96
26-27	******	99.94	99.63	99.93	99.88	*	******	100.00	******	99.92	99.98
27-28	******	99.94	99.63	99.93	99.88	*	******	******	******	100.00	100.00
28-29	******	99.94	99.70	99.93	99.90	*	******	******	******	******	******
29-30	******	100.00	99.93	100.00	99.98	*	******	******	******	******	******
30-31	******	******	100.00	******	100.00	*	******	******	******	******	******
NOBS	1703	1556	1346	1383	5988	*	1153	1349	1390	1270	5161

TABLE 12.6. EDWARDS AFB BIVARIATE NORMAL STATISTICS (DECEMBER, 90 DEGREE FLIGHT AZIMUTH)

STATION (23114) - EDWARDS AFB
PERIOD OF RECORD - 12/42 - 12/67
MONTH OF RECORD - 12,
ALPHA ANGLE - 90.0

X = U COMPONENT (M/SEC)
Y = V COMPONENT (M/SEC)

ALT KM.	MEAN X	MEAN Y	S.D. X	S.D. Y	S (X,Y)	R (X,Y)	N
0	.97	.08	2.97	1.93	2.45	.4290	518
1	.77	-.64	5.04	2.92	7.44	.5054	528
2	-.16	-2.26	7.84	5.27	12.10	.2931	520
3	2.81	-2.84	8.62	7.56	3.25	.0498	496
4	4.92	-3.67	9.23	9.06	3.59	.0427	480
5	7.07	-4.51	10.72	11.00	11.15	.0945	459
6	8.66	-4.80	11.66	12.72	17.06	.1131	448
7	11.07	-5.58	13.21	14.58	32.86	.1707	387
8	12.29	-5.98	14.60	15.79	51.77	.2245	375
9	13.99	-6.76	15.88	17.08	66.72	.2461	373
10	16.06	-7.46	17.09	18.10	84.95	.2747	370
11	17.99	-7.87	17.44	18.55	95.85	.2962	360
12	19.34	-7.56	16.75	18.05	86.21	.2852	366
13	19.62	-6.24	14.62	15.91	60.19	.2588	362
14	18.86	-5.24	12.76	13.00	50.45	.3040	357
15	16.69	-4.16	10.67	10.89	35.17	.3027	345
16	14.03	-3.48	9.25	8.51	24.74	.3143	343
17	11.42	-2.70	8.20	6.79	21.53	.3869	335
18	8.82	-2.90	6.78	5.51	9.21	.2467	319
19	5.93	-2.88	6.07	4.54	5.02	.1621	316
20	3.45	-2.88	6.30	3.96	3.27	.1309	301
21	1.73	-2.86	7.07	4.09	3.14	.1086	286
22	1.07	-3.09	7.52	4.43	-1.17	-.0351	276
23	.93	-3.11	7.64	4.09	2.21	.0707	275
24	1.54	-3.53	8.22	4.34	5.93	.1662	258
25	2.57	-3.33	9.14	4.69	10.69	.2498	253
26	4.27	-2.96	10.48	5.09	16.37	.3161	248
27	6.47	-2.87	11.78	5.70	26.96	.4016	211

** NOTE - INPUT DATA FILE IS NOT SERIALLY COMPLETE.

ORIGINAL PAGE IS
OF POOR QUALITY

ANNUAL

PRECEDING PAGE BLANK NOT FILMED

ORIGINAL PAGE IS
OF POOR QUALITY

PRECEDING PAGE BLANK NOT FILMED

TABLE 13.1. HOURLY EDWARDS AFB CROSSWIND PERCENTAGE FREQUENCIES BY INDIVIDUAL AND COMBINED RUNWAYS

EDWARDS AFB CROSSWINDS
MONTH OF ANNUAL

RUNWAY 17 - 35

HRS	1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	CROSSWIND ***** CRITICAL LIMITS IN KNOTS *****							
	PERCENTAGES							
00-02	47.01	20.16	7.27	2.07	.30	.07	23.12	24095
03-05	44.57	15.95	5.72	1.72	.26	.05	31.74	24099
06-08	35.80	14.56	6.84	2.49	.40	.10	39.82	24099
09-11	27.65	16.07	10.40	4.79	1.03	.15	39.90	24099
12-14	27.23	21.14	15.08	8.40	1.65	.33	25.98	24097
15-17	18.28	23.15	23.02	14.28	2.39	.41	18.48	24099
18-20	21.87	31.56	23.45	7.51	.98	.21	14.43	24097
21-23	41.52	26.57	10.76	2.71	.46	.15	17.82	24097
00-23	32.99	21.14	12.82	5.50	.96	.18	26.41	192782

13.1A

****

RUNWAY 22 - 4

HRS	1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	CROSSWIND ***** CRITICAL LIMITS IN KNOTS *****							
	PERCENTAGES							
00-02	59.38	11.31	1.43	.37	.07	.02	27.42	24095
03-05	53.08	9.31	1.20	.37	.07	.00	35.97	24099
06-08	47.87	8.62	1.53	.44	.06	.01	41.48	24099
09-11	43.57	10.59	2.88	.97	.20	.02	41.77	24099
12-14	46.06	16.56	5.11	2.10	.51	.05	29.62	24097
15-17	43.21	20.94	9.04	3.06	.66	.07	23.01	24099
18-20	52.50	20.69	6.16	1.37	.20	.03	19.05	24097
21-23	62.86	13.14	1.96	.53	.08	.03	21.40	24097
00-23	51.06	13.89	3.66	1.15	.23	.03	29.97	192782

13.1B

****

RUNWAYS 17-35 AND 22-4 COMBINED

HRS	1 TO 4	5 TO 9	10 TO 14	15 TO 19	20 TO 24	25 ABOVE	ZERO CROSSWIND	TOTAL NUMBER OBS.
	CROSSWIND ***** CRITICAL LIMITS IN KNOTS *****							
	PERCENTAGES							
00-02	58.83	5.91	1.21	.28	.05	.01	33.72	24095
03-05	51.78	4.37	1.01	.33	.04	.00	42.47	24099
06-08	43.76	5.03	1.39	.35	.05	.01	49.42	24099
09-11	38.81	8.14	2.60	.80	.14	.00	49.51	24099
12-14	43.62	13.47	4.74	1.76	.30	.02	36.09	24097
15-17	41.49	19.57	8.56	2.46	.38	.02	27.52	24099
18-20	52.18	18.78	5.64	1.02	.14	.01	22.22	24097
21-23	62.18	8.23	1.74	.40	.07	.01	27.37	24097
00-23	49.08	10.44	3.36	.92	.14	.01	36.04	192782

13.1C

TABLE 13.2. HOURLY EDWARDS AFB TAILWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS
MONTH OF ANNUAL

HRS	RUNWAY 17 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 35 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	10.70	1.78	.41	24095	34.52	31.47	5.49
03-05	12.66	1.75	.29	24099	31.93	25.73	4.41
06-08	13.34	1.99	.37	24099	26.80	22.13	5.37
09-11	17.10	4.49	1.27	24099	23.48	17.03	6.82
12-14	22.33	7.72	2.37	24097	22.46	16.53	11.20
15-17	22.01	6.67	2.42	24099	20.57	19.31	16.39
18-20	20.21	4.15	.86	24097	27.94	25.93	10.52
21-23	12.61	2.43	.43	24097	34.32	37.10	6.13
00-23	16.37	3.82	1.05	192782	27.78	23.85	8.29

13.2A

HRS	RUNWAY 26 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE	TOTAL NUMBER OBS.	RUNWAY 4 TAILWIND CRITICAL LIMITS IN KNOTS 1 TO 4	5 TO 9	10 ABOVE
	PERCENTAGES				PERCENTAGES		
00-02	4.95	.99	.31	24095	29.86	33.53	14.70
03-05	6.39	1.04	.22	24099	30.22	26.61	11.85
06-08	8.57	1.21	.31	24099	24.57	20.61	14.47
09-11	15.40	3.45	1.66	24099	15.20	14.82	19.60
12-14	17.18	6.49	3.27	24097	12.92	14.66	27.32
15-17	11.69	5.60	2.38	24099	10.96	14.64	41.74
18-20	8.03	2.41	.50	24097	15.90	25.53	36.78
21-23	5.80	1.70	.29	24097	26.04	35.26	20.27
00-23	9.75	2.84	1.12	192782	20.71	23.21	23.37

13.2B

TABLE 13.3. HOURLY EDWARDS AFB TAILWIND VERSUS CROSSWIND PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 0 NUMBER OBS. 8070

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	6.03	1.54	.68	.51	.07	.01	1.71	10.56	*	17.06	8.98	2.53	.97	.11	.02	4.97	34.65
5 TO 9	1.16	.47	.19	.04	.00	.01	.07	1.94	*	21.77	6.45	3.94	.56	.00	.00	.54	33.25
10- UP	.11	.15	.06	.02	.01	.01	.02	.40	*	1.20	4.07	.30	.37	.04	.00	.01	5.99
TOTAL	7.30	2.17	.93	.57	.09	.04	1.81	12.90	*	40.02	19.50	6.76	1.91	.15	.02	5.52	73.89

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	3.47	.65	.02	.02	.00	.00	.71	4.88	*	20.06	2.00	.24	.06	.01	.01	7.09	29.48
5 TO 9	.49	.22	.01	.01	.00	.00	.15	.88	*	27.02	5.13	.41	.07	.01	.01	2.47	35.13
10- UP	.07	.14	.02	.06	.00	.00	.04	.34	*	10.40	3.80	.80	.16	.02	.00	.82	16.00
TOTAL	4.03	1.01	.06	.10	.00	.00	.90	6.10	*	57.48	10.93	1.44	.30	.05	.02	10.37	80.61

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 1 NUMBER OBS. 8033

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	6.47	1.17	.73	.37	.10	.02	1.71	10.58	*	17.45	8.79	2.35	.80	.15	.06	4.85	34.46
5 TO 9	.98	.45	.11	.04	.04	.00	.12	1.74	*	20.68	6.46	3.61	.44	.00	.00	.47	31.66
10- UP	.16	.12	.11	.01	.01	.00	.01	.44	*	1.13	3.75	.27	.21	.02	.00	.01	5.44
TOTAL	7.62	1.74	.96	.42	.15	.02	1.84	12.76	*	39.30	19.00	6.24	1.44	.17	.06	5.34	71.55

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	3.73	.39	.04	.00	.00	.00	.66	4.82	*	19.51	1.99	.21	.09	.01	.01	7.69	29.52
5 TO 9	.65	.24	.05	.00	.00	.00	.14	1.07	*	26.27	5.05	.50	.01	.00	.00	2.29	34.12
10- UP	.10	.14	.02	.01	.00	.00	.04	.31	*	9.29	3.41	.68	.27	.04	.00	.75	14.44
TOTAL	4.48	.76	.11	.01	.00	.00	.83	6.20	*	55.06	10.46	1.39	.37	.05	.01	10.73	78.08

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 13.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 2 NUMBER OBS. 8072

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.74	1.15	.57	.31	.14	.04	2.03	10.97
5 TO 9	1.01	.34	.17	.07	.01	.01	.05	1.67
10- UP	.17	.11	.01	.09	.01	.00	.00	.40
TOTAL	7.92	1.59	.76	.47	.16	.05	2.08	13.04

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.00	7.67	2.60	.73	.16	.01	5.28	34.46
5 TO 9	19.77	5.49	3.35	.41	.00	.00	.47	29.49
10- UP	1.16	3.76	.24	.26	.02	.00	.01	5.05
TOTAL	38.93	16.52	6.19	1.41	.19	.01	5.76	69.01

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.78	.42	.05	.01	.00	.00	.87	5.14
5 TO 9	.60	.22	.02	.01	.00	.00	.15	1.01
10- UP	.04	.14	.02	.01	.01	.00	.06	.29
TOTAL	4.42	.78	.10	.04	.01	.00	1.08	6.44

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.32	1.74	.20	.05	.04	.00	8.23	30.58
5 TO 9	23.74	4.81	.44	.05	.02	.01	2.29	31.34
10- UP	8.60	3.44	.54	.20	.05	.01	.82	13.66
TOTAL	52.66	9.99	1.17	.30	.09	.02	11.34	75.57

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 3 NUMBER OBS. 8033

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.17	1.12	.63	.32	.16	.01	2.34	11.76
5 TO 9	.98	.44	.10	.07	.01	.01	.09	1.71
10- UP	.14	.12	.05	.06	.00	.00	.01	.39
TOTAL	8.29	1.68	.78	.46	.17	.02	2.44	13.86

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.21	7.29	2.14	.67	.15	.01	4.71	33.19
5 TO 9	18.44	5.17	3.12	.44	.00	.00	.42	27.59
10- UP	1.01	3.05	.21	.20	.01	.01	.01	4.51
TOTAL	37.66	15.51	5.48	1.31	.16	.02	5.14	65.28

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.93	.50	.02	.00	.00	.00	1.01	5.46
5 TO 9	.55	.24	.02	.01	.00	.00	.20	1.02
10- UP	.10	.06	.01	.00	.01	.00	.06	.25
TOTAL	4.58	.80	.06	.01	.01	.00	1.27	6.73

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.88	1.73	.19	.07	.01	.00	8.59	30.47
5 TO 9	22.08	4.54	.52	.04	.02	.00	2.04	29.25
10- UP	8.14	2.96	.49	.31	.04	.00	.72	12.66
TOTAL	50.11	9.24	1.20	.42	.07	.00	11.35	72.39

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 13.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 4 NUMBER OBS. 8073

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.63	1.12	.66	.34	.09	.02	2.56	12.42
5 TO 9	1.21	.27	.09	.05	.01	.01	.11	1.76
10- UP	.12	.07	.07	.04	.00	.00	.00	.31
TOTAL	8.96	1.47	.82	.42	.10	.04	2.68	14.49

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.11	6.85	1.66	.78	.07	.02	4.69	32.19
5 TO 9	16.86	4.64	2.93	.42	.00	.01	.44	25.30
10- UP	1.05	2.99	.26	.16	.04	.00	.02	4.51
TOTAL	36.01	14.47	4.84	1.37	.11	.04	5.15	61.99

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.71	.49	.04	.02	.00	.00	1.13	6.39
5 TO 9	.68	.22	.01	.00	.00	.00	.17	1.10
10- UP	.06	.09	.05	.01	.01	.00	.02	.25
TOTAL	5.45	.80	.10	.04	.01	.00	1.37	7.73

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.94	1.74	.15	.06	.01	.00	8.27	30.19
5 TO 9	20.00	4.22	.50	.04	.00	.00	2.13	26.89
10- UP	7.66	2.61	.49	.24	.04	.00	.60	11.63
TOTAL	47.62	8.58	1.13	.34	.05	.00	10.99	68.70

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 5 NUMBER OBS. 8073

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.84	.85	.47	.36	.07	.00	3.21	13.81
5 TO 9	1.02	.41	.11	.07	.01	.02	.12	1.78
10- UP	.06	.07	.01	.02	.00	.00	.00	.17
TOTAL	9.92	1.33	.60	.46	.09	.02	3.34	15.76

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.82	6.14	1.63	.70	.11	.00	5.03	30.40
5 TO 9	15.16	4.34	2.89	.27	.01	.00	.42	23.10
10- UP	.96	2.95	.11	.17	.01	.00	.01	4.22
TOTAL	32.94	13.43	4.63	1.15	.14	.00	5.46	57.72

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.46	.50	.02	.01	.00	.00	1.32	7.32
5 TO 9	.52	.19	.00	.02	.00	.00	.26	1.00
10- UP	.06	.04	.02	.00	.00	.00	.04	.16
TOTAL	6.05	.72	.05	.04	.00	.00	1.62	8.48

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	20.27	1.61	.15	.01	.02	.00	7.93	29.99
5 TO 9	17.71	3.78	.31	.06	.00	.00	1.82	23.69
10- UP	7.46	2.40	.61	.19	.04	.00	.57	11.27
TOTAL	45.44	7.79	1.07	.26	.06	.00	10.32	64.96

TABLE 13.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 6 NUMBER OBS. 8073

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.69	.97	.61	.41	.07	.00	3.83	14.59
5 TO 9	1.01	.31	.14	.05	.01	.01	.11	1.64
10- UP	.09	.10	.06	.02	.00	.00	.00	.27
TOTAL	9.78	1.38	.81	.49	.09	.01	3.95	16.51

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.65	5.60	1.72	.62	.16	.04	4.87	28.66
5 TO 9	14.29	4.29	2.81	.49	.02	.00	.46	22.37
10- UP	.85	2.95	.24	.10	.01	.00	.01	4.16
TOTAL	30.79	12.85	4.77	1.21	.20	.04	5.34	55.18

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.03	.56	.02	.02	.00	.00	1.31	7.94
5 TO 9	.59	.26	.01	.01	.00	.00	.21	1.08
10- UP	.10	.07	.02	.00	.00	.00	.04	.24
TOTAL	6.71	.90	.06	.04	.00	.00	1.56	9.26

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.22	1.28	.17	.07	.01	.00	7.71	28.47
5 TO 9	16.69	3.66	.34	.04	.00	.00	1.44	22.17
10- UP	7.62	2.53	.70	.16	.01	.01	.72	11.75
TOTAL	43.53	7.47	1.21	.27	.02	.01	9.87	62.39

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 7 NUMBER OBS. 8033

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.13	.82	.59	.40	.12	.04	3.88	12.98
5 TO 9	1.17	.42	.16	.09	.01	.00	.11	1.97
10- UP	.10	.07	.09	.04	.01	.00	.01	.32
TOTAL	8.40	1.32	.83	.52	.15	.04	4.01	15.27

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.02	4.42	2.13	.28	.12	.05	5.24	26.26
5 TO 9	13.26	4.49	3.45	.61	.04	.00	.34	22.18
10- UP	.73	4.37	.39	.37	.05	.01	.00	5.93
TOTAL	28.01	13.28	5.96	1.27	.21	.06	5.58	54.97

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.16	.52	.01	.00	.00	.00	1.63	8.33
5 TO 9	.54	.34	.05	.00	.00	.00	.17	1.10
10- UP	.05	.12	.01	.00	.00	.00	.04	.22
TOTAL	6.75	.98	.07	.00	.00	.00	1.84	9.65

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	16.33	1.22	.21	.11	.00	.00	7.06	24.93
5 TO 9	15.50	3.07	.44	.06	.01	.00	1.54	20.63
10- UP	9.40	3.57	.75	.26	.04	.00	.95	14.96
TOTAL	41.23	7.87	1.39	.44	.05	.00	9.55	60.53

TABLE 13.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 8 NUMBER OBS. 8033

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.59	.95	.86	.51	.24	.01	4.31	12.46
5 TO 9	1.51	.41	.17	.07	.02	.04	.14	2.37
10- UP	.15	.17	.10	.07	.01	.00	.30	.51
TOTAL	7.25	1.53	1.13	.66	.27	.05	4.44	15.34

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.84	4.11	1.95	1.16	.21	.05	5.56	24.88
5 TO 9	10.91	5.05	4.43	1.05	.01	.04	.36	21.85
10- UP	.56	4.18	.67	.52	.05	.00	.02	6.01
TOTAL	23.30	13.34	7.06	2.73	.27	.09	5.95	52.74

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.87	.42	.02	.00	.00	.01	2.10	9.44
5 TO 9	.90	.39	.00	.00	.00	.00	.17	1.46
10- UP	.10	.24	.04	.02	.00	.00	.06	.46
TOTAL	7.87	1.05	.06	.02	.00	.01	2.34	11.35

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	12.60	1.05	.24	.10	.01	.00	6.31	20.30
5 TO 9	13.95	2.91	.41	.09	.02	.00	1.64	19.03
10- UP	10.95	3.64	1.13	.35	.06	.01	1.15	17.29
TOTAL	37.51	7.59	1.78	.54	.10	.01	9.10	56.63

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 9 NUMBER OBS. 8033

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.24	1.31	1.18	.82	.32	.05	4.28	14.20
5 TO 9	1.90	.49	.21	.22	.02	.01	.15	3.01
10- UP	.30	.29	.11	.09	.04	.01	.02	.86
TOTAL	8.44	2.08	1.51	1.13	.39	.07	4.46	18.08

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.56	4.56	2.47	1.06	.34	.04	5.83	24.80
5 TO 9	8.24	4.73	4.26	.87	.01	.00	.35	18.46
10- UP	.44	4.15	.73	.86	.09	.01	.00	6.27
TOTAL	19.23	13.43	7.42	2.79	.44	.05	6.17	49.53

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.74	.78	.06	.04	.00	.00	2.99	12.61
5 TO 9	1.21	.37	.11	.01	.00	.00	.35	2.05
10- UP	.19	.35	.12	.01	.01	.00	.25	.93
TOTAL	10.13	1.51	.30	.06	.01	.00	3.59	15.60

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.68	1.20	.17	.04	.01	.00	5.05	17.15
5 TO 9	11.95	2.44	.67	.15	.02	.01	1.22	16.47
10- UP	10.74	4.22	1.51	.46	.07	.01	1.20	18.21
TOTAL	33.37	7.86	2.35	.65	.11	.02	7.47	51.84

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 13.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 10 NUMBER OBS. 8033

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.23	1.46	1.42	.90	.42	.05	4.26	16.73
5 TO 9	2.63	.96	.50	.26	.07	.05	.19	4.66
10- UP	.29	.41	.31	.17	.04	.01	.02	1.26
TOTAL	11.14	2.83	2.23	1.33	.54	.11	4.47	22.64

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.90	4.57	2.32	1.44	.39	.04	4.95	23.60
5 TO 9	6.39	3.93	4.79	1.31	.07	.00	.30	16.79
10- UP	.49	3.85	.95	.88	.20	.04	.02	6.42
TOTAL	16.77	12.35	8.05	3.64	.66	.07	5.28	46.82

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	10.21	.83	.09	.05	.01	.00	4.33	15.52
5 TO 9	2.07	.51	.05	.00	.00	.00	.52	3.15
10- UP	.42	.57	.14	.02	.00	.00	.60	1.76
TOTAL	12.70	1.92	.27	.07	.01	.00	5.45	20.43

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.11	1.02	.25	.11	.07	.00	4.36	14.93
5 TO 9	10.15	2.23	.83	.16	.04	.01	1.01	14.43
10- UP	10.94	4.95	1.47	.62	.15	.00	1.34	19.48
TOTAL	30.20	8.20	2.55	.90	.26	.01	6.71	48.84

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 11 NUMBER OBS. 8033

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.50	2.56	1.53	1.17	.30	.02	5.29	20.38
5 TO 9	3.11	1.51	.71	.26	.05	.02	.14	5.80
10- UP	.31	.56	.56	.20	.02	.01	.04	1.71
TOTAL	12.92	4.63	2.80	1.63	.37	.05	5.46	27.88

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.71	5.18	2.75	1.47	.39	.04	4.07	22.63
5 TO 9	5.71	3.50	5.12	1.21	.05	.00	.19	15.83
10- UP	.51	4.43	1.32	1.16	.27	.04	.02	7.76
TOTAL	14.94	13.11	9.25	3.86	.71	.07	4.23	46.22

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.75	.96	.17	.06	.04	.00	5.09	18.03
5 TO 9	3.07	.05	.10	.01	.00	.00	1.11	5.14
10- UP	.62	.70	.10	.01	.00	.00	.87	2.30
TOTAL	15.45	2.50	.37	.09	.04	.00	7.07	25.52

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.12	1.29	.35	.31	.04	.01	3.41	13.53
5 TO 9	8.94	2.83	.03	.15	.01	.00	.73	13.57
10- UP	11.80	5.65	1.57	.67	.10	.00	1.31	21.10
TOTAL	28.86	9.77	2.00	1.13	.17	.01	5.45	48.20

TABLE 13.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 12 NUMBER OBS. 8033

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	10.34	3.12	2.23	1.47	.35	.06	4.94	22.52	*	8.37	5.50	2.89	1.71	.49	.12	3.20	22.27
5 TO 9	3.56	1.95	.81	.42	.12	.05	.12	7.05	*	5.64	3.11	5.08	1.53	.01	.01	.12	15.51
10- UP	.30	.72	.70	.34	.02	.01	.05	2.14	*	.71	5.08	1.79	1.42	.35	.04	.02	9.41
TOTAL	14.20	5.80	3.73	2.23	.50	.12	5.12	31.71	*	14.71	13.69	9.76	4.66	.85	.17	3.35	47.19

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	12.31	1.27	.19	.01	.01	.00	4.64	18.44	*	7.89	1.73	.40	.52	.09	.01	2.68	13.32
5 TO 9	3.72	1.03	.09	.00	.00	.00	1.36	6.20	*	8.98	2.95	1.11	.24	.06	.00	.73	14.07
10- UP	.93	.96	.22	.01	.00	.00	.88	3.01	*	12.24	6.71	2.09	1.00	.15	.01	1.33	23.53
TOTAL	16.97	3.26	.50	.02	.01	.00	6.88	27.65	*	29.10	11.39	3.60	1.76	.30	.02	4.74	50.91

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 13 NUMBER OBS. 8032

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	9.76	3.49	2.48	1.84	.52	.10	4.77	22.96	*	7.86	5.88	3.17	1.76	.62	.10	3.06	22.45
5 TO 9	3.20	2.33	1.10	.49	.17	.05	.10	7.43	*	5.59	3.50	5.35	1.90	.07	.01	.29	16.72
10- UP	.32	.88	.67	.31	.07	.00	.02	2.29	*	.85	5.55	2.09	1.77	.56	.04	.04	10.89
TOTAL	13.28	6.70	4.25	2.64	.77	.15	4.89	32.68	*	14.29	14.93	10.62	5.43	1.26	.15	3.39	50.06

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	11.33	1.51	.27	.06	.04	.00	4.66	17.87	*	7.78	1.74	.55	.46	.10	.01	2.19	12.84
5 TO 9	3.61	1.28	.07	.01	.00	.00	1.68	6.66	*	9.03	3.49	1.47	.32	.07	.01	.62	15.01
10- UP	1.02	1.11	.15	.02	.01	.00	1.01	3.32	*	13.31	7.64	2.55	1.27	.27	.00	1.63	26.68
TOTAL	15.96	3.90	.50	.10	.05	.00	7.35	27.85	*	30.12	12.87	4.57	2.05	.45	.02	4.44	54.53

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 13.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 14 NUMBER OBS. 8032

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	8.47	3.31	3.00	2.27	.54	.16	3.78	21.53	*	7.93	5.64	3.44	2.20	.77	.14	2.53	22.65
5 TO 9	2.84	2.61	1.03	.60	.24	.00	.15	7.47	*	5.13	3.32	6.19	2.39	.05	.02	.25	17.36
10- UP	.44	.82	.71	.55	.09	.05	.01	2.66	*	.96	6.85	2.68	2.24	.50	.02	.04	13.28
TOTAL	11.74	6.75	4.74	3.41	.86	.21	3.95	31.66	*	14.02	15.81	12.30	6.84	1.32	.19	2.81	53.29

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	10.35	1.27	.22	.07	.06	.01	3.25	15.24	*	7.28	1.67	.66	.51	.27	.01	2.19	12.60
5 TO 9	3.26	1.20	.12	.05	.00	.00	1.99	6.62	*	8.57	3.57	1.61	.42	.06	.02	.65	14.90
10- UP	1.02	1.25	.17	.01	.00	.00	1.03	3.49	*	15.55	9.31	3.37	1.28	.31	.05	1.88	31.76
TOTAL	14.63	3.71	.52	.14	.06	.01	6.27	25.35	*	31.40	14.55	5.64	2.22	.65	.09	4.72	59.26

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 15 NUMBER OBS. 8073

TAILWIND LIMITS	RUNWAY 17 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 35 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	7.49	3.56	3.68	2.54	.71	.16	3.62	21.77	*	6.41	5.02	3.97	2.69	.92	.10	2.23	21.34
5 TO 9	2.71	2.56	1.05	.78	.16	.04	.10	7.41	*	4.27	3.30	7.33	3.52	.15	.02	.20	18.80
10- UP	.29	.75	.85	.71	.06	.04	.04	2.73	*	1.12	7.76	3.11	2.50	.50	.05	.01	15.05
TOTAL	10.49	6.87	5.58	4.03	.93	.24	3.76	31.91	*	11.80	16.07	14.42	8.71	1.57	.17	2.44	55.18

TAILWIND LIMITS	RUNWAY 22 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL	*	RUNWAY 4 *** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES								*	PERCENTAGES							
1 TO 4	8.91	1.27	.29	.05	.06	.00	3.29	13.87	*	6.32	1.32	.95	.75	.31	.06	1.77	11.68
5 TO 9	3.25	1.23	.22	.02	.00	.00	1.54	6.27	*	7.61	3.57	2.18	.56	.15	.01	.63	14.71
10- UP	.86	1.03	.16	.02	.00	.00	.95	3.03	*	18.01	11.23	3.86	1.57	.34	.02	2.33	37.36
TOTAL	13.02	3.54	.67	.10	.06	.00	5.78	23.17	*	31.94	16.12	6.98	2.88	.80	.10	4.73	63.55

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 13.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 16 NUMBER OBS. 8073

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.96	3.75	4.64	[illegible]	.92	.19	3.41	22.01
5 TO 9	2.72	2.07	1.49	.17	.09	.07	.11	6.72
10- UP	.32	.67	.83	.49	.09	.02	.01	2.44
TOTAL	8.40	6.49	6.97	4.39	1.10	.29	3.54	31.17

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.37	4.56	4.06	2.88	.86	.12	2.19	20.03
5 TO 9	2.74	3.04	8.86	4.17	.09	.02	.10	19.05
10- UP	.97	9.00	3.73	2.89	.51	.02	.04	17.17
TOTAL	9.10	16.59	16.66	9.93	1.46	.17	2.33	56.24

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.83	.96	.30	.02	.01	.00	2.65	10.98
5 TO 9	3.12	1.15	.17	.06	.00	.01	1.37	[illegible]
10- UP	.76	.72	.20	.00	.03	.00	[illegible]	2.55
TOTAL	10.72	2.83	.67	.09	.04	.01	[illegible]	[illegible]

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	[illegible]	1.31	1.07	.85	.16	.01	1.94	10.84
5 TO 9	[illegible]	3.83	3.09	.67	.10	.05	.70	14.17
10- UP	20.38	12.76	4.58	1.72	.32	.00	2.85	42.61
TOTAL	31.57	17.90	8.74	3.24	.56	.06	5.49	57.62

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 17 NUMBER OBS. 8073

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.32	4.12	5.04	3.07	.72	.16	2.81	22.26
5 TO 9	1.48	2.12	1.28	.83	.09	.06	.02	5.89
10- UP	.21	.49	.87	.46	.05	.00	.01	2.09
TOTAL	8.02	6.72	7.20	4.37	.86	.22	2.85	30.24

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.39	5.10	5.00	3.26	.92	.10	1.54	20.33
5 TO 9	2.29	2.66	9.90	5.19	.04	.00	.01	20.08
10- UP	.73	9.22	3.67	3.01	.30	.02	.00	16.97
TOTAL	7.41	16.99	18.57	11.47	1.26	.12	1.56	57.38

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.77	.96	.26	.12	.01	.01	2.08	10.22
5 TO 9	2.42	.95	.10	.07	.00	.00	1.11	4.64
10- UP	.12	.36	.10	.02	.00	.00	.55	1.56
TOTAL	9.71	2.27	.46	.22	.01	.01	3.73	16.42

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.88	1.54	1.41	.87	.16	.04	1.67	10.57
5 TO 9	5.91	4.38	3.70	.51	.07	.00	.45	15.03
10- UP	21.81	14.25	4.48	1.28	.29	.00	3.15	45.26
TOTAL	32.60	20.18	9.59	2.66	.52	.04	5.27	70.86

TABLE 13.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 18 NUMBER OBS. 8073

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.25	5.12	5.40	2.78	.61	.05	1.97	23.13
5 TO 9	1.27	1.73	.77	.65	.05	.02	.10	4.82
10- UP	.17	.35	.61	.19	.01	.02	.02	1.36
TOTAL	8.69	7.20	6.98	3.61	.67	.10	2.05	29.30

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.60	7.49	5.59	2.98	.56	.11	1.23	23.55
5 TO 9	2.61	3.98	11.88	4.21	.05	.01	.02	22.77
10- UP	.68	8.85	2.34	1.81	.16	.01	.02	13.88
TOTAL	8.90	20.33	19.79	8.99	.77	.14	1.28	60.20

RUNWAY 27

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.58	1.06	.21	.05	.00	.00	.79	8.80
5 TO 9	2.07	.57	.09	.02	.00	.00	.13	3.57
10- UP	.17	.24	.06	.02	.00	.00	.31	.81
TOTAL	7.82	1.87	.36	.21	.00	.00	2.93	13.18

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.72	2.14	1.23	.52	.09	.01	2.15	12.87
5 TO 9	8.79	5.83	3.72	.51	.01	.01	.69	19.56
10- UP	22.64	12.96	3.82	1.10	.14	.01	2.83	43.52
TOTAL	38.16	20.93	8.78	2.13	.24	.04	5.69	75.95

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 19 NUMBER OBS. 8072

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.92	5.33	4.10	1.43	.32	.05	1.62	21.17
5 TO 9	1.39	1.76	.63	.21	.04	.01	.03	4.11
10- UP	.15	.53	.27	.11	.02	.00	.00	.71
TOTAL	9.46	7.62	5.00	1.74	.37	.07	1.68	25.98

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.49	11.24	6.96	2.15	.46	.09	1.36	23.71
5 TO 9	4.37	7.02	12.14	1.58	.04	.01	.09	25.25
10- UP	.62	7.64	1.20	.62	.05	.00	.01	10.15
TOTAL	11.48	25.91	20.29	4.36	.52	.10	1.44	64.11

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.56	1.11	.19	.02	.00	.00	1.46	8.22
5 TO 9	1.03	.46	.09	.01	.00	.01	.49	2.40
10- UP	.11	.10	.04	.01	.00	.00	.12	.39
TOTAL	6.93	1.67	.30	.05	.00	.01	2.07	11.01

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	9.13	3.54	1.02	.25	.02	.01	1.03	15.05
5 TO 9	14.68	7.02	2.42	.15	.05	.00	1.25	25.56
10- UP	22.26	9.64	2.18	.66	.07	.01	2.54	37.36
TOTAL	46.07	20.19	5.62	1.06	.15	.02	5.66	78.77

TABLE 13.3. (Continued)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 20 NUMBER OBS. 8032

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.91	4.06	1.99	.72	.25	.12	2.27	16.32
5 TO 9	1.52	1.37	.39	.09	.02	.01	.14	3.54
10- UP	.11	.16	.17	.06	.01	.00	.00	.52
TOTAL	8.54	5.59	2.55	.87	.29	.14	2.40	20.38

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	8.94	13.11	5.32	1.71	.25	.06	2.19	31.56
5 TO 9	9.23	9.44	10.02	.85	.02	.01	.21	29.78
10- UP	.80	5.91	.44	.41	.02	.01	.02	7.52
TOTAL	[illegible].96	28.36	15.77	2.96	.30	.09	2.42	68.86

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	5.04	.73	.09	.02	.00	.00	1.17	7.06
5 TO 9	.98	.42	.05	.01	.00	.00	.37	1.84
10- UP	.06	.14	.04	.00	.00	.00	.06	.30
TOTAL	6.09	1.29	.17	.04	.00	.00	1.61	9.20

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.67	3.24	.67	.15	.04	.01	3.20	18.97
5 TO 9	21.59	6.40	1.12	.07	.01	.00	2.28	31.47
10- UP	19.20	6.49	1.47	.41	.15	.00	1.73	29.44
TOTAL	52.45	16.12	3.26	.63	.20	.01	7.21	79.89

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 21 NUMBER OBS. 8032

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.82	2.91	1.22	.54	.16	.04	2.34	14.03
5 TO 9	1.79	.71	.22	.05	.01	.01	.12	2.93
10- UP	.10	.15	.15	.04	.00	.01	.02	.47
TOTAL	8.72	3.77	1.59	.62	.17	.06	2.49	17.43

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	11.63	17.13	4.31	1.12	.24	.09	3.27	38.79
5 TO 9	15.06	8.95	6.88	.73	.02	.01	.42	32.10
10- UP	.90	4.68	.35	.37	.01	.01	.01	6.34
TOTAL	27.59	26.77	11.54	2.23	.27	.11	3.71	72.22

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.98	.85	.05	.02	.00	.00	.65	6.75
5 TO 9	.86	.40	.06	.00	.00	.01	.15	1.48
10- UP	.09	.11	.02	.01	.00	.00	.07	.31
TOTAL	5.93	1.36	.14	.04	.00	.01	1.07	8.54

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.23	2.78	.35	.10	.01	.01	4.32	22.80
5 TO 9	26.56	5.43	.67	.09	.00	.00	2.66	35.41
10- UP	15.09	4.98	.96	.35	.07	.01	1.37	22.83
TOTAL	56.87	13.18	1.98	.54	.09	.02	8.35	81.04

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 13.3. (Concluded)

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 22 NUMBER OBS. 8072

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	7.13	1.98	.77	.57	.14	.05	1.79	12.46
5 TO 9	1.44	.51	.16	.07	.01	.02	.12	2.35
10- UP	.12	.12	.11	.07	.00	.00	.02	.46
TOTAL	8.70	2.61	1.03	.72	.17	.07	1.94	15.28

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	14.14	11.21	3.65	1.05	.30	.05	4.56	34.96
5 TO 9	17.93	7.88	5.40	.70	.00	.01	.52	32.45
10- UP	1.22	4.72	.29	.35	.04	.01	.00	6.62
TOTAL	33.30	23.80	9.34	2.09	.34	.07	5.08	74.03

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	4.07	.68	.04	.02	.00	.00	.68	5.50
5 TO 9	.77	.29	.01	.00	.00	.00	.25	1.32
10- UP	.07	.07	.06	.02	.00	.00	.06	.30
TOTAL	4.92	1.05	.11	.05	.00	.00	1.00	7.12

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	18.12	2.28	.16	.11	.01	.02	6.29	26.99
5 TO 9	26.34	4.93	.56	.09	.00	.00	2.53	34.45
10- UP	13.57	4.52	1.08	.34	.07	.00	1.15	20.73
TOTAL	58.03	11.73	1.81	.54	.09	.02	9.96	82.17

****

EDWARDS AFB TAILWINDS VS CROSSWINDS
MONTH OF ANNUAL

HOUR 23 NUMBER OBS. 8073

RUNWAY 17

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	6.70	1.53	.85	.52	.11	.01	1.61	11.33
5 TO 9	1.23	.31	.16	.04	.01	.01	.19	2.00
10- UP	.10	.06	.09	.06	.01	.01	.01	.35
TOTAL	8.08	1.90	1.10	.62	.1	.04	1.81	13.68

RUNWAY 35

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	15.59	9.67	2.06	1.00	.29	.05	4.73	34.20
5 TO 9	21.52	7.56	4.53	.57	.00	.02	.56	34.77
10- UP	1.15	3.64	.31	.29	.01	.00	.04	5.43
TOTAL	38.25	20.86	7.71	1.85	.30	.09	5.33	74.39

RUNWAY 22

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	3.86	.61	.04	.01	.00	.00	.62	5.14
5 TO 9	.50	.35	.06	.02	.00	.01	.16	1.11
10- UP	.04	.06	.06	.00	.01	.00	.07	.25
TOTAL	4.39	1.02	.16	.04	.01	.01	.86	6.50

RUNWAY 4

TAILWIND LIMITS	*** CROSSWIND LIMITS *** 1 TO 4	5 TO 9	10TO14	15TO19	20TO24	25- UP	ZERO CROSS	TOTAL
	PERCENTAGES							
1 TO 4	19.54	2.12	.20	.09	.01	.01	6.37	28.35
5 TO 9	27.76	5.24	.46	.02	.00	.01	2.42	35.91
10- UP	11.13	3.72	1.02	.29	.04	.00	1.06	17.25
TOTAL	58.43	11.08	1.68	.40	.05	.02	9.85	81.51

ORIGINAL PAGE IS
OF POOR QUALITY

TABLE 13.4. HOURLY EDWARDS AFB WIND REVERSAL PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEAD/TAIL WIND REVERSALS
MONTH OF ANNUAL

*** RUNWAY 17 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	12.24	6.28	5.96	7.21	46.15
03-05	14.64	7.76	6.88	9.10	46.75
06-08	14.72	7.61	7.10	9.03	45.21
09-11	18.07	11.32	6.76	14.67	29.56
12-14	18.43	9.25	9.18	13.61	28.66
15-17	16.21	7.66	8.55	11.13	27.47
18-20	17.67	6.86	10.81	9.17	42.92
21-23	12.36	5.42	6.93	6.41	44.84
00-23	15.54	7.77	7.77	9.87	36.57

*** RUNWAY 35 ***

PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
15.66	6.40	9.26	22.44	12.96
17.25	6.94	10.31	18.13	16.70
16.75	7.43	9.32	16.27	17.15
17.99	8.60	9.39	16.40	19.76
18.52	10.59	7.93	21.26	15.80
15.38	8.53	6.85	19.51	12.18
16.17	10.09	6.09	28.34	9.45
14.[illegible]6	7.46	6.90	28.18	9.39
16.51	8.26	8.26	20.60	13.78

13.4A

*** RUNWAY 22 ***

HRS	PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
00-02	5.56	2.88	2.67	3.08	42.75
03-05	7.75	4.29	3.45	4.65	45.09
06-08	9.88	5.99	3.89	6.66	38.58
09-11	14.84	9.44	5.41	11.87	26.36
12-14	13.44	5.98	7.46	8.18	27.69
15-17	8.40	2.54	5.87	3.16	29.81
18-20	6.68	2.56	4.12	2.89	37.01
21-23	5.58	2.39	3.19	2.58	43.24
00-23	9.02	4.51	4.51	5.22	32.89

*** RUNWAY 4 ***

PERCNTAGE REVERSALS TOTAL	PERCNTAGE REVERSALS HEAD-TAIL	PERCNTAGE REVERSALS TAIL-HEAD	GIVEN A HEAD WIND PERCNTAGE REVERSALS TO TAIL	GIVEN A TAIL WIND PERCNTAGE REVERSALS TO HEAD
14.50	5.88	8.62	26.86	11.04
17.80	7.24	10.56	23.12	15.36
16.38	6.43	9.95	16.04	16.61
12.52	6.10	6.42	12.11	12.93
11.65	7.93	3.72	17.59	6.77
8.49	6.31	2.18	19.32	3.24
9.98	5.84	4.14	26.80	5.29
12.11	5.98	6.13	32.44	7.51
12.93	6.46	6.47	19.76	9.61

TABLE 13.4. (Concluded)

EDWARDS AFB HEADWIND TO TAILWIND REVERSALS
MONTH OF ANNUAL

*** RUNWAY 17 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 9	TOTAL
00-02	6.40	.71	.10	7.21
03-05	8.24	.78	.07	9.10
06-08	7.70	1.21	.13	9.03
09-11	11.83	2.52	.33	14.67
12-14	10.73	2.81	.47	13.61
15-17	8.88	1.77	.47	11.13
18-20	8.10	.97	.10	9.17
21-23	5.64	.67	.10	6.41
00-23	8.28	1.38	.21	9.87

*** RUNWAY 35 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	18.25	3.82	.38	22.44
03-05	14.61	3.11	.40	18.13
06-08	12.66	3.30	.31	16.27
09-11	12.80	3.14	.45	16.40
12-14	14.92	5.32	1.02	21.26
15-17	14.01	4.25	1.25	19.51
18-20	20.50	7.01	.84	28.34
21-23	21.17	6.52	.49	28.18
00-23	15.52	4.42	.66	20.60

****

*** RUNWAY 22 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	2.70	.35	.03	3.08
03-05	4.18	.44	.04	4.65
06-08	5.84	.76	.06	6.66
09-11	9.75	1.96	.16	11.87
12-14	6.59	1.35	.2	8.18
15-17	2.64	.44	.08	3.16
18-20	2.52	.34	.03	2.89
21-23	2.16	.38	.04	2.58
00-23	4.43	.72	.08	5.22

*** RUNWAY 4 ***

HRS	GIVEN A HEADWIND RESULTANT TAILWIND MAGNITUDE >0 - 3	4 - 8	> 8	TOTAL
00-02	21.12	5.14	.61	26.86
03-05	19.02	3.80	.31	23.12
06-08	12.51	3.02	.50	16.04
09-11	8.63	2.80	.68	12.11
12-14	10.09	5.61	1.89	17.59
15-17	11.29	4.98	3.05	19.32
18-20	20.03	6.02	.74	26.80
21-23	25.20	6.50	.74	32.44
00-23	14.21	4.43	1.12	19.76

13.4B

TABLE 13.5. EDWARDS AFB HEADWIND COMPONENT CUMULATIVE PERCENTAGE FREQUENCIES BY RUNWAY END

EDWARDS AFB HEADWIND CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF ANNUAL

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 17 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 35 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	40.47	43.49	32.10	23.28	35.37	*	71.89	61.76	42.12	34.14	52.77
1- 2	47.18	50.74	39.90	29.63	42.39	*	80.89	70.65	53.73	47.13	63.33
2- 3	54.45	57.85	47.75	37.99	50.00	*	87.52	78.61	65.21	63.16	73.73
3- 4	62.16	64.69	54.70	44.69	57.08	*	92.52	85.67	75.65	74.51	82.15
4- 5	67.39	69.09	59.23	48.23	61.55	*	94.86	89.07	80.67	79.42	86.07
5- 6	73.88	74.27	64.47	52.39	66.87	*	96.65	92.39	85.91	84.46	89.89
6- 7	81.64	80.15	70.71	58.25	73.36	*	97.75	94.73	89.45	88.22	92.59
7- 8	86.71	84.51	75.62	63.57	78.27	*	98.51	95.95	91.87	90.77	94.32
8- 9	90.63	88.28	79.71	69.95	82.76	*	98.92	96.98	94.01	92.92	95.74
9-10	93.65	91.16	83.53	76.22	86.67	*	99.19	97.59	95.28	94.47	96.66
10-11	95.70	93.58	86.86	80.31	89.58	*	99.35	98.17	96.50	96.04	97.53
11-12	96.80	94.96	88.94	83.08	91.36	*	99.48	98.51	97.23	97.06	98.08
12-13	98.50	96.88	92.25	87.41	94.10	*	99.67	98.96	98.23	98.35	98.80
13-14	99.09	97.77	93.88	89.74	95.40	*	99.74	99.20	98.63	98.77	99.08
14-15	99.40	98.25	94.96	91.75	96.33	*	99.82	99.40	99.07	99.26	99.38
15-16	99.62	98.89	96.44	94.32	97.48	*	99.87	99.57	99.40	99.46	99.57
16-17	99.75	99.11	97.05	95.40	97.96	*	99.90	99.63	99.53	99.59	99.66
17-18	99.87	99.48	98.13	97.52	98.83	*	99.92	99.74	99.66	99.74	99.76
18-19	99.90	99.59	98.57	98.27	99.14	*	99.95	99.79	99.77	99.77	99.82
19-20	99.95	99.80	99.23	99.28	99.59	*	99.96	99.80	99.88	99.89	99.90
20-21	99.98	99.87	99.51	99.51	99.73	*	99.96	99.91	99.89	99.92	99.92
21-22	99.99	99.92	99.69	99.69	99.83	*	99.96	99.91	99.91	99.95	99.93
22-23	100.00	99.96	99.82	99.84	99.91	*	99.98	99.94	99.93	99.98	99.95
23-24	100.00	99.98	99.89	99.89	99.94	*	99.99	99.95	99.94	100.00	99.97
24-25	******	99.99	99.94	99.95	99.97	*	99.99	99.98	99.97	******	99.98
25-26	******	99.99	99.96	99.96	99.98	*	99.99	99.99	99.98	******	99.99
26-27	******	99.99	99.97	99.98	99.99	*	100.00	99.99	99.98	******	99.99
27-28	******	100.00	99.99	99.99	99.99	*	******	100.00	99.99	******	100.00
28-29	******	******	99.99	99.99	100.00	*	******	******	100.00	******	100.00
29-30	******	******	99.99	100.00	100.00	*	******	******	******	******	******
30-31	******	******	99.99	******	100.00	*	******	******	******	******	******
31-32	******	******	100.00	******	100.00	*	******	******	******	******	******
NOBS	20314	18588	16382	16603	71887	*	11013	12646	12005	10539	46203

ORIGINAL PAGE IS OF POOR QUALITY

TABLE 18.5. (Concluded)

EDWARDS AFB HEADLESS CUMULATIVE PERCENTAGE FREQUENCY
MONTH OF ANNUAL

RUNWAY COMPONENT CLASS (KNOTS)	*** RUNWAY 22 *** HOURS 06-09 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF	*	*** RUNWAY 4 *** HOURS 06-08 CPF	HOURS 09-11 CPF	HOURS 12-14 CPF	HOURS 15-17 CPF	HOURS 06-17 CPF
0- 1	56.61	40.20	27.80	17.85	38.33	*	78.72	63.54	44.67	44.02	58.32
1- 2	42.73	44.73	31.30	20.80	35.18	*	85.67	72.73	54.68	53.44	67.24
2- 3	49.83	49.10	35.35	24.29	39.74	*	90.51	79.66	63.79	62.01	74.57
3- 4	55.47	53.31	39.37	27.43	44.32	*	94.45	86.37	73.02	70.35	81.60
4- 5	60.76	56.70	42.53	29.82	47.93	*	96.22	89.85	78.34	75.57	85.51
5- 6	65.30	60.13	46.00	32.74	51.69	*	97.32	92.41	82.26	80.71	88.59
6- 7	70.62	63.36	49.73	35.90	55.46	*	98.16	93.96	85.75	84.33	90.89
7- 8	75.65	67.45	54.03	39.71	5[illegible].80	*	98.70	95.05	88.66	87.87	92.81
8- 9	79.50	71.32	57.95	43.81	63.65	*	98.97	95.84	90.53	90.28	94.02
9-10	83.69	75.34	62.60	48.03	67.99	*	99.24	96.70	92.74	92.72	95.47
10-11	86.19	78.25	65.95	51.89	71.12	*	99.39	97.14	93.90	94.12	96.22
11-12	89.66	82.50	71.12	57.26	75.64	*	99.56	97.77	95.53	95.53	97.17
12-13	91.67	85.26	74.85	61.95	78.89	*	99.63	98.16	96.41	96.67	97.75
13-14	94.49	88.74	79.59	67.91	83.09	*	99.78	98.66	97.60	97.76	98.47
14-15	95.98	91.19	83.12	73.17	86.21	*	99.83	99.04	98.27	98.51	98.92
15-16	97.24	93.47	86.32	78.54	89.19	*	99.91	99.37	98.79	98.95	99.26
16-17	97.89	94.83	88.65	82.59	91.23	*	99.92	99.49	99.03	99.14	99.40
17-18	98.84	96.62	92.17	88.52	94.22	*	99.94	99.60	99.39	99.47	99.60
18-19	99.24	97.53	94.19	92.37	95.08	*	99.96	99.70	99.56	99.66	99.72
19-20	99.54	98.52	96.11	95.54	97.52	*	99.98	99.79	99.77	99.80	99.83
20-21	99.71	98.99	97.01	96.37	98.22	*	99.99	99.85	99.85	99.86	99.89
21-22	99.81	99.32	97.84	96.87	98.81	*	99.99	99.89	99.90	99.87	99.91
22-23	99.90	99.56	98.63	96.74	99.14	*	99.99	99.93	99.94	99.92	99.95
23-24	99.92	99.72	99.13	97.34	99.54	*	99.99	99.94	99.96	99.95	99.95
24-25	99.95	99.82	99.49	98.53	99.72	*	99.99	99.96	99.97	99.99	99.98
25-26	99.98	99.90	99.74	99.73	99.86	*	99.99	99.97	99.98	99.99	99.98
26-27	99.99	99.93	99.84	99.83	99.90	*	99.99	99.99	99.99	99.99	99.99
27-28	99.99	99.95	99.95	99.93	99.94	*	99.99	99.99	99.99	100.00	99.99
28-29	100.00	99.96	99.99	99.94	99.96	*	100.00	99.99	100.00	******	100.00
29-30	******	99.97	99.99	99.97	99.97	*	******	99.99	******	******	100.00
30-31	******	99.98	99.99	99.99	99.99	*	******	99.99	******	******	100.00
31-32	******	99.99	99.99	99.99	99.99	*	******	99.99	******	******	100.00
32-33	******	100.00	99.99	99.99	99.99	*	******	99.99	******	******	100.00
33-34	******	******	99.99	99.99	99.99	*	******	99.99	******	******	100.00
34-35	******	******	99.99	99.99	100.00	*	******	99.99	******	******	100.00
35-36	******	******	100.00	99.99	100.00	*	******	99.99	******	******	100.00
36-37	******	******	******	99.99	100.00	*	******	99.99	******	******	100.00
37-38	******	******	******	100.00	100.00	*	******	100.00	******	******	100.00
NOBS	21663	19155	17603	19359	22705	*	9376	12140	10367	7370	40553

APPROVAL

GROUND WINDS AND WINDS ALOFT FOR EDWARDS AFB, CALIFORNIA (1978 REVISION)

By D. L. Johnson and S. C. Brown

The information in this report has been reviewed for security classification. Review of any information concerning Department of Defense or nuclear energy activities or programs has been made by the MSFC Security Classification Officer. This report, in its entirety, has been determined to be unclassified.

WILLIAM W. VAUGHAN
Chief, Atmospheric Sciences Division

CHARLES A. LUNDQUIST
Director, Space Sciences Laboratory

ORIGINAL PAGE IS
OF POOR QUALITY

ORIGINAL PAGE IS
OF POOR QUALITY

☆ U. S. GOVERNMENT PRINTING OFFICE 1978–740-193/277 REGION NO. 4